

19971208.qrp v00_n933.qrs.971208

Date: Mon, 8 Dec 1997 19:31:43 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 933

QRP-L Digest 933

Topics covered in this issue include:

- 1) [32134] FS: Heatkit HW-9 with WARC bands
by Darrell Bellerive <Darrell_Bellerive@compuserve.com>
- 2) [32135] Homebrew Sprint de WZ2T
by Richard Sherman <srichard@aldus.northnet.org>
- 3) [32136] QRP Weekend!
by Joel Malman <malman@BBN.COM>
- 4) [32137] DX Question
by Joel Malman <malman@BBN.COM>
- 5) [32138] Announcing: The Knightlite SMiTe
by "Bob Kellogg" <ae4ic@nr.infi.net>
- 6) [32139] Alan FOX
by "Steve Hurst" <shurst@magiclink.com>
- 7) [32140] QRP Weekend!
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 8) [32141] QRP rigs for sale
by jmori@labyrinth.net (joyce mori)
- 9) [32142] ARCI Sprint score
by Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
- 10) [32143] FS:Tuner
by ckrelic@usaor.net
- 11) [32144] Argh!!!!!!!!!!
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 12) [32145] AL7FS - HOLIDAY SPIRITS HOMEBREW SPRINT
by "Jim, Nancy, Juliann, Issei" <larsennc@alaska.net>
- 13) [32146] ARCI Test
by Monte Stark <ku7y@sage.dri.edu>
- 14) [32147] 160m KU7Y
by Monte Stark <ku7y@sage.dri.edu>
- 15) [32148] AL7FS NOT on as Fox this week, either.
by "Jim, Nancy, Juliann, Issei" <larsennc@alaska.net>
- 16) [32149] Re: Argh!!!!!!!!!!
by "Bob Kellogg" <ae4ic@nr.infi.net>
- 17) [32150] Spec sheets
by Bob Roach <KE4QOK@worldnet.att.net>
- 18) [32151] Christmas, AZ Special Event Station
by Roger Hightower <n7kt@dancris.com>
- 19) [32152] Latest SMD parts list

- by Mike Czuhajewski <wa8mcq@u1.abs.net>
- 20) [32153] Ant wire
by Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
- 21) [32154] Test equipment
by Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
- 22) [32155] 38 Special and Norcal Paddles sold
by D Bullard <dbullard@peachnet.campus.mci.net>
- 23) [32156] ARCI Holiday Spirit HB Sprint
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 24) [32157] Contest
by Monte Stark <ku7y@sage.dri.edu>
- 25) [32158] QSL manager for 3E1DX
by Joel Malman <malman@BBN.COM>
- 26) [32159] Holiday Sprint de AB7TT
by Joe Gervais <vole@primenet.com>
- 27) [32160] N/T+ Foxhunt of 08 DEC 0000-0100 UTC
by ARDUJENSKI <ARDUJENSKI@aol.com>
- 28) [32161] Re Publications
by Jack Bennett <J.Bennett@lboro.ac.uk>
- 29) [32162] Welcome to ECG
by "Ron Polityka" <wb3aal@talon.net>
- 30) [32163] ARCI Sprint Report
by William McFadden <wmcfadde@oucsace.cs.ohiou.edu>
- 31) [32164] 1998 ARRL Handbook Price
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 32) [32165] Re: Palmtop Computers
by Chris Cartwright <ccart@dns.vidtel.com>
- 33) [32166] Holiday Spirits HB Sprint
by Ken LaRose <kenlar@csolve.net>
- 34) [32167] NF3I/4, NF3I/9, NF3I/8
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 35) [32168] KL Net 12/7/97
by Randy Hargenrader <randyh@harksystems.com>
- 36) [32169] Compaq palmtop
by William Wyatt <wbw95k@timon.acu.edu>
- 37) [32170] 1998 ARRL Handbook
by "David Maliniak" <dmaliniak@penton.com>
- 38) [32171] QSL Card Question
by Andy Fox <foxes@theriver.com>
- 39) [32172] ARCI Homebrew Sprint at QRPP levels is tough
by "JakeCart" <JakeCart@ix.netcom.com>
- 40) [32173] Holiday Spirit Results
by Ken Newman <n2cq@comten.com>
- 41) [32174] RE: QSL Card Question
by Kevin Muenzler <wb5rue@stic.net>
- 42) [32175] Weekend musings... QRPP, a small world (long)
by Chris Cartwright <ccart@dns.vidtel.com>
- 43) [32176] RE: Compaq palmtop

by Ed Manuel <n5em@flash.net>
44) [32177] Re: Palmtop Computers
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
45) [32178] UN-postpone QRP-L????
by "Phil, K6LS" <k6ls@prolynx.com>
46) [32179] HW9-S&S programmable counter
by "Jeff M. Gold" <jmg@tnitech.edu>
47) [32180] Re: Compaq palmtop
by John Evans - N0HJ <jaevans@codenet.net>
48) [32181] Re: QSL Card Question
by Jeff Grudin <grudin@pacific.vdbs.com>
49) [32182] Re: UN-postpone QRP-L????
by adams@chuck.dallas.sgi.com (Chuck Adams)
50) [32183] RE: Palmtop Computers
by Chris Cartwright <ccart@dns.vidtel.com>
51) [32184] Re: Antenna Wire: Copper or ?
by "Michael A. Gipe" <mgipe@reliablemeters.com>
52) [32185] Re: QSL Card Question
by kt3a@juno.com
53) [32186] Noise Blanking for QRP+
by Sam Billingsley <sbillingsley@mindspring.com>
54) [32187] Quadrature flip-flop for R2
by Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
55) [32188] RE: QSL Card Question
by Kevin Muenzler <wb5rue@stic.net>
56) [32189] NorCal K8FF Paddles, 2nd Run Delivered
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
57) [32190] Re: QSL Card Question
by Andy Fox <foxes@theriver.com>
58) [32191] Re: PIXIE 2 Kits..HSC and email....
by Ed Loranger <we6w@qsl.net>
59) [32192] SGC2020
by Martin E Hartwell x2091 <mhartwell@lucent.com>
60) [32193] Re: Norcal Paddles?
by "Michael A. Gipe" <mgipe@reliablemeters.com>
61) [32194] audio amp in circad
by Fran Flynn <fflynn@together.net>
62) [32195] Re: HW9-S&S programmable counter
by gsurrency@juno.com (Gary Surrency)
63) [32196] Verticals, radials, and salt water
by "Gene A. Williamson" <genewill@ordata.com>
64) [32197] MMN Question
by Chris Cartwright <ccart@dns.vidtel.com>
65) [32198] Re: UN-postpone QRP-L????
by Ed Loranger <we6w@qsl.net>
66) [32199] Re: Ant wire & Soldering to Aluminum
by Jack Meadows <jackmead@getnet.com>
67) [32200] QRP+ jack replacement

by mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
68) [32201] tailending contests
by mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
69) [32202] Re: PIXIE 2 Kits..HSC and email....
by "Harvey D. D. Hetland" <n6mm@earthlink.net>
70) [32203] Re: SGC2020
by Doug <doug@sunrise.alpinet.net>
71) [32204] Re: SGC2020
by Ed Tanton <n4xy@bellsouth.net>
72) [32205] Re: Antenna Wire: Copper or ?
by W7LS <w7ls@blarg.net>
73) [32206] Need Article from QEX - March 95
by astone@erols.com
74) [32207] Re: ARCI Sprint score
by Ed Loranger <we6w@qsl.net>
75) [32208] Altoids Funny :-)
by Nick Franco <kf2ph@bnl.gov>
76) [32209] Re: QSL Card Question
by "Claton Cadmus" <aplitech@Spacestar.Net>
77) [32210] UPDATE: K8FF Paddle NOTE. Great News!
by Ed Loranger <we6w@qsl.net>
78) [32211] HB: Dan's "Dime Bag" (long)
by sigcom@juno.com (Stephen M Smith)
79) [32212] N7IR QRP 160 Meter Contest
by Gary Hembree <Gary.Hembree@asu.edu>
80) [32213] RSPICE and Windows 95
by Stanley Wilson <microres@crl.com>
81) [32214] Re: SGC2020
by Ken Freedman <n1qqv@cshore.com>
82) [32215] Old Signal generator query answr.
by "rohre" <rohre@arlut.utexas.edu>
83) [32216] RE: Palmtop computers...
by Sandy W5TVW <ebjr@worldnet.att.net>
84) [32217] RE: Palmtop computers...
by "Gypin, Jess" <jgypin@bi.com>
85) [32218] RE: Palmtop computers...
by "Michael Fletcher" <kl7ixi@mailcity.com>
86) [32219] RE: Palmtop computers...
by adams@chuck.dallas.sgi.com (Chuck Adams)
87) [32220] Re: QSL Card Question
by "david's" <elim@ime.net>

Date: Sun, 7 Dec 1997 18:43:26 -0500
From: Darrell Bellerive <Darrell_Bellerive@compuserve.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [32134] FS: Heatkit HW-9 with WARC bands

Message-ID: <199712071843_MC2-2B0A-E4D3@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

For Sale:

Heathkit HW-9 QRP transceiver with:

- * WARC Bands
- * Power cord
- * Manual
- * HW-8 Handbook (many HW-9 mods)
- * 2 large 2ft by 4 ft schematics
- * handwritten bibliography of mod articles

In good condition. Only one modification. The VFO vernier was replaced with a higher ratio drive. It now tunes about 15 kHz per rev rather than 40, but it does take 18 turns to cover the 250 kHz dial. The parts for the old vernier are included but a new VFO Dial Bracket would have to be fabricated.

The radio has many birdies and is not as sensitive as other radios I own.

This would be a good rig for someone wanting to do considerable modifications. This was my intention, but just don't have the time. Probably would be a bit disappointing as it is.

\$250 US. Open to offers.

Please respond by email to: Darrell_Bellerive@compuserve.com

Darrell Bellerive
VE7CLA

Date: Sun, 07 Dec 1997 19:21:33 -0500
From: Richard Sherman <srichard@aldus.northnet.org>
To: qrp-l@Lehigh.EDU
Subject: [32135] Homebrew Sprint de WZ2T
Message-ID: <3.0.1.32.19971207192133.006b5e30@aldus.northnet.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

WZ2T SO 40m 950mW
4,220 points x 10 + 5,000 = 47,200
53 QSO's
20 S/P's

Rig: NorCal Sierra
Antenna: 40M Delta Loop at 60 feet
Logging Program: TRLog Ver 6.18 (the new ARCI scoring feature worked flawlessly.)

72 es thanks for all the contacts
Rick WZ2T NNY

srichard@northnet.org
---If you're not part of the solution,
You're part of the precipitate.---
Steven Wright

Date: Sun, 7 Dec 97 19:25:42 EST
From: Joel Malman <malman@BBN.COM>
To: qrp-1@Lehigh.EDU
Cc: wa1qvm@BBN.COM
Subject: [32136] QRP Weekend!
Message-ID: <199712080026.TAA85010@nss4.cc.Lehigh.EDU>

Well, this weekend has got to be one of the best QRP weekends I have had in a long time. The QRP fun list includes:

1. Working KB7MBI, our Washington state N/T+ Fox twice! 12/7 and 12/8 (z)
2. Working the 160meter ARRL 'test at about 3 watts ... and having a ball
3. Working the QRP-ARCI Sprint (K5FO was my first Q -- thanks)

Cheers, 72, and good QRP to all.

/joel wa1qvm wa1qvm@bbn.com (QTH: Concord, Massachusetts)

Date: Sun, 7 Dec 97 19:44:16 EST
From: Joel Malman <malman@BBN.COM>
To: qrp-1@Lehigh.EDU

Cc: wa1qvm@BBN.COM
Subject: [32137] DX Question
Message-ID: <199712080044.TAA110394@nss4.cc.Lehigh.EDU>

Did anyone else happen to work 3E1DX (Not Ve1DX) on 17 meters at about 1700z on 12/7/97 ?

If so, do you happen to recall his QSL manager? It was K8(something), I wrote it down, but can not find it now ... thanks.

/joel wa1qvm wa1qvm@bbn.com (QTH: Concord, Massachusetts)

Date: Sun, 7 Dec 1997 00:20:38 -0500
From: "Bob Kellogg" <ae4ic@nr.infi.net>
To: "qrpforum" <qrp-l@Lehigh.EDU>
Subject: [32138] Announcing: The Knightlite SMiTe
Message-ID: <199712080048.TAA14869@mailhost.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Announcing the Knightlite SMiTe:

It's the revised and modernized Pixie II!

You ask:

Does it have QSK? Of course - that's a feature of the basic Pixie design.

Does it have receive/transmit offset? - Certainly!

Does it have a VXO? - Of Course!

What is the maximum output? About 250mW, output is at least 100mW with 9V supply.

What frequency does it operate on? 80M, the crystal is 3.6864 (Knightlites net frequency)

Why is it called the Knightlite SMiTe?

Thought you'd never ask that one.

1. It's a very small transceiver. Small as a mite. (board 1" X 1-3/4")
2. It uses Surface Mount Technology
3. It's the Knightlites attempt to SMiTe a mighty blow for those who embrace new technology, eager to try, eager to learn, eager to test, eager to crusade for the causes of right, justice and chivalry.

How much will it cost?

The price will be \$10 for the kit plus \$3 shipping. Those who order multiple kits will pay for just one shipping fee.

What do I get for my Ten Dollars?

The kit includes the board and all parts on the board. The only other parts needed are jacks for antenna, phones, key, and an enclosure. We'll include some extra parts so you can do some practice soldering.

When can I get one?

That's a really good question, and I'd like to thank you for asking that one. At this time, I've proposed that we appoint an investigative committee to look into the problems associated with bringing this project in on time. Evidently there were certain unresolved problems with the design as we received it. This, of course, was not our fault, but never-the-less we had to spend considerable time and resources determining the root causes of the problems. It turned out that the basic design has been in the public domain for some time, and we could not pinpoint those responsible for the original work. I must hasten to point out that the original design used different parts, therefore we can't assume that the design, per se, was faulty, only that we saw several areas where improvement was needed. We must, of course, produce a product which is acceptable to the general public and especially to the taxpayers. So, our course has been to redesign and improve the product to the best of our ability with the resources we have at hand. Our team has been working nights and weekends to try to bring this product to you, and we will not relent until every american who wants his own Knightlite SMiTe is able to purchase one.

In other words, I don't know. We haven't ordered the boards, yet. Most of the parts are on their way.

Our design guys, Gary, N3GO, and Todd, KB0HQJ, have really done a great job of simplifying (!) and improving the Pixie circuit. (the switching transistor has been replaced with a diode) We think we're building the final test versions now. Probable availability after the first of the year.

Man, I really appreciate the job NorCal does, and what the NJ club did with the Rainbow Tuner. We were hoping to be ready a month ago!

One thing that has surprised me. I've never tried Surface Mount before. --And when I looked at that first board and package of parts I thought "What have I gotten myself into? -- This thing is tiny!" Didn't know if I'd be able to see well enough to solder those little "grains of sand" in place. Well, tonite I populated most of a board in about 2 hours, and at least half time was spent salvaging parts from a couple of other boards. -- And it was fun! The hardest part was overcoming my initial uncertainty about handling the small parts. After this project, I certainly am not going to shy away from surface mount stuff. In fact, I'm laying in a supply of parts.

Our first batch will be 100 kits. If you want to get on the list for the first run, send checks to me, made out to Bob Kellogg, not the Knightlites.

Will keep you posted.

CUL,
Bob Kellogg, AE4IC,
4708 Charlottesville Rd.
Greensboro, NC 27410
Probably, but not necessarily. -- Benny Hill

Date: Sun, 7 Dec 1997 18:11:10 -0700
From: "Steve Hurst" <shurst@magiclink.com>
To: <qrp-l@Lehigh.EDU>
Subject: [32139] Alan FOX
Message-ID: <199712080108.UAA59968@nss4.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Gang,

Alan is on now calling CQ FOX , around 7.140 . Go get him !!!! I just worked him , he has a strong signal here. I finished working on my National NCX-200's pwr supply (bad rectifier diode) and was tuning around the band checking things out. When I heard Alan calling CQ ! I just had to give him a call even though I was QRO !!!!!!! Well I did turn it down a little, this rig will run 150 watts on 40, I was only running 50 w when working Alan !! So anyway the national is back on line and wrking great !! Go get Alan, he sounds lonely !! :-)

73,
Steve Hurst
KA7NOC (southern Idaho)
<http://www.magiclink.com/web/shurst>
shurst@magiclink.com

Date: Sun, 7 Dec 1997 20:20:37 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:malman@BBN.COM" <malman@BBN.COM>, "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.EDU>
Subject: [32140] QRP Weekend!

Message-ID: <199712072023_MC2-2B12-6C3D@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Joel:

Well I *believe* we started a Sprint QSO...but could not complete it.
Just too much QRM and QSB. Incredible. I managed to snag Chuck K5FO and
Jim AL7FS. But not *you*! Nuts.

It really *was* a fantastic time. Have been on the road seemingly
forever. Will be nice not to have travel until well after Christmas.

Anyway, it was great at least to hear you tonight. Now let's go after
the FOXes this week.

72/73,

--Doc/K0EVZ qrp-1 861 norcal 2050 cqc 414 ARS 311 FISTS 3868 mn-qrp 19
nj-qrp 69 ak/qrp 139 AR QRP 73 ARCI 9398 ARRL WAS 48/40
DXCC 56/42 <>< FOX Total 12/05/97 15 of 19. Was the FOX 11/25/97.

Icom 751A Omni V Sierra Argo 515 Norcal 40a SW-40 49er
Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D GAP TNT/2 Windom
SLV/W6MMA G5RV Autek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Mon, 8 Dec 1997 08:31:30 +0100
From: jmori@labyrinth.net (joyce mori)
To: qrp-1@Lehigh.EDU
Subject: [32141] QRP rigs for sale
Message-ID: <v01540b00b0b150f8fd8c@[205.161.179.24]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello to all:

I have 3 qrp radios in AS NEW condition for sale.

1.Index QRP++. I am second owner. I never used the radio. Upgrades by
factory through original owner. As new. Manual. \$470 shipped.

2. Ten Tec Argo 556. This is the qrp version of the Scout. Noise Blanker factory installed. 7 modules from 160-10m. Comes with microphone. Manual. As new. \$475 shipped.

3.Ten Tec 1040 kit. Factory aligned/tested. Never used. \$95 shipped.

E-mail interest or call at 304-296-7456.

John
N8TA

Date: Sun, 7 Dec 1997 18:28:00 -0600
From: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
To: CamQRP@cyberg8t.com
Cc: qrp-1@Lehigh.EDU
Subject: [32142] ARCI Sprint score
Message-ID: <M2348912.001.ukk30.1.971208013826Z.CC-MAIL*/OU=LMPCC4/OU=ILBB/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Hi, Cam

Was good to see you in there scrapping away with everyone else.
A fairly modest score this outing:

40 meters only, commercial equipment (01' Kenwood :-))

QSO w/members	17	x 5 =	85
QSO w/nonmembers	6	x 2 =	12
QSO points			97
States			x6
		points	582
Power multiplier 4.9w			x7
Claimed score			4074
Bonus points			0

Soapbox:

Was late starting due to attending NorCal QRP Club meeting. Got started about 2130 UTC.

There were several strong signals here--WE6W, N6MM and W6ZH--the usual list of

suspects. Worked KU7Y's 240 mw signal off the back of his beam.

What I thought of as the most consistent signal was KK7JU from AZ. He was in there slowly and steadily plugging away for the whole time I was on. Seems like everytime I heard him he was working someone. Nice job, Jack. He was also my first QSO.

Was a bit disappointed in 40m turnout--maybe just propagation. Nothing heard from east of CO. And where were ID and NM?

Had a great time--looking forward to another run.

72 to all.

Bob N6WG and Ol' Kenwood

Date: Sun, 07 Dec 1997 20:29:03 -0500
From: ckrelic@usaor.net
To: qrp-l@Lehigh.EDU
Subject: [32143] FS:Tuner
Message-ID: <348B4D5E.8624D0A4@usaor.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

AS NEW, MFJ 971 Tuner matches
MFJ QRP rigs with QRP scale, but
will handle 200 watts. Box and Manual
\$48 shipped 48

Curt
Ka3ivb

Date: Sun, 7 Dec 1997 20:20:42 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:larsennc@alaska.net" <larsennc@alaska.net>, "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.EDU>
Subject: [32144] Argh!!!!!!!!!!

Message-ID: <199712072023_MC2-2B12-6C3E@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Jim:

Well at least *we* had a QSO. I was incredibly surprised to hear you come back to my CQ during the contest this afternoon. You were plenty strong here.

Sorry for the slow rate of Q's you experienced. But you know what? I'll bet your rate goes up considerably during the FOXhunt! Will be in the pack, looking for a pelt. Hope your signal is as strong then as it was tonight. Good luck.

72/73,

--Doc/K0EVZ qrp-1 861 norcal 2050 cqz 414 ARS 311 FISTS 3868 mn-qrp 19
nj-qrp 69 ak/qrp 139 AR QRP 73 ARCI 9398 ARRL WAS 48/40
DXCC 56/42 <>< FOX Total 12/05/97 15 of 19. Was the FOX 11/25/97.

Icom 751A Omni V Sierra Argo 515 Norcal 40a SW-40 49er
Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D GAP TNT/2 Windom
SLV/W6MMA G5RV Auttek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Sun, 07 Dec 1997 16:22:44 -0900
From: "Jim, Nancy, Juliann, Issei" <larsennc@alaska.net>
To: qrp-1@Lehigh.EDU
Subject: [32145] AL7FS - HOLIDAY SPIRITS HOMEBREW SPRINT
Message-ID: <348B4BE4.25F8@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Here are the results from Alaska for AL7FS. I have recovered from my "ARGHHHHH".

1997 HOLIDAY SPIRITS HOMEBREW SPRINT
12/7/97

4 watts ARCI Number

6754								
Band	Mode	UTC	Call	RST-RX	S/P/C	Pwr/Nr	s/p/c	qso
pts								
20	CW	2018	w7bxz	339	az	8420	1	
5								
20	CW	2019	kg7om	559	wa	5w	1	
2								
20	CW	2033	ve4aki	339	man	8707	1	
5								
15	CW	2110	n6mm	579	ca	51	1	
5								
20	CW	2122	w6zh	569	ca	6560	1	
5								
20	CW	2131	k0evz	569	mn	9398	1	
5								
20	CW	2136	wb0wqs	559	mo	5w	1	
2								
15	CW	2144	k4at	559	ky	9020	1	
5								
15	CW	2157	wx7r	579	or	6324	1	
5								
15	CW	2159	wb9psh	449	wi	2w	1	
2								
15	CW	2207	wb4iuy	449	nc	5w	1	
2								
20	CW	2218	wa2ocz	559	wa	9347		
5								
20	CW	2221	n7gz	549	mt	8344	1	
5								
20	CW	2225	ae4ic	449	nc	8922	1	
5								
20	CW	2227	kg0ua	459	ks	5w	1	
2								
20	CW	2229	aa7my	439	az	9412		
5								
20	CW	2230	w7snv	599	wa	8539		
5								
20	CW	2238	w3ts	559	pa	3315	1	
5								
20	CW	2246	k5zty	559	tx	8817	1	
5								
20	CW	2252	ab7tt	559	az	8964		
5								
20	CW	2254	k7rat	579	or	5w	1	
2								
20	CW	2309	n4kz	579	ky	8268	1	
5								
20	CW	2319	n3laz	339	pa	8306		

5								
40	CW	2339	k7rat	559	or	5w	1	
2								
							19	99

Summary for
AL7FS

Total Score: 99 QSO pts X 19 S/P/C X 7 (<5watts) =
13,167

Rig was Index Laboratory QRP+ running 4 watts. Antenna was KLM KT34A at 40 feet and inverted V on 40 meters at 38 feet. Total Operating Time was 3 hours and about 15 minutes.

>From Alaska the band was very poor the first hour. A blistering pace of 3 QSOs the first hour had me wondering what I was doing on the radio. Conditions did improve just a bit and I was able to get up the 24 total QSOs. I left the rig from about 2045 to 2115Z and that may have been a mistake. When I got back, the 1s and 4s were coming in. They may have only been there for a little while as the band went dead again at 2125Z. I wonder if I would know what to do if the bands were ever totally open. I probably would have trouble with the pileups. :-)

73, Jim, AL7FS

--

Jim Larsen, ex-WA0LPK
Acupressure Anchorage
ECKANKAR
Vision Recumbent
Anchorage, Alaska

Date: Sun, 7 Dec 1997 18:20:44 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [32146] ARCI Test
Message-ID: <Pine.SUN.3.90.971207181621.4108A-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

ARCI SUMMARY SHEET

Contest Date : 07-Dec-97

Callsign Used : KU7Y
Operator : KU7Y

Category : 0 - 250 mW (I ran 240 mW output)

Default Exchange : RST NV 8829

BAND	Raw QSOs	Valid QSOs	Points	Mults
40CW	9	9	44	6
20CW	43	43	191	26
15CW	2	2	10	2

Totals	54	54	245	34

8330 points X power multiplier 15 = 124,950

Final Score = 124,950 points.

Well, that was fun. If only the power line noise would not come up to S9 now and then it would be very nice!

Did almost as well here in 4 hours as I did in 2 nights on 160 with 5x the power!!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sun, 7 Dec 1997 18:23:01 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>

To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [32147] 160m KU7Y
Message-ID: <Pine.SUN.3.90.971207182058.4136A-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Didn't do well at all!

70 Qs, 21 SPCs

Final Score = 2940 points.

5w into a shunt fed 85' tower.

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sun, 07 Dec 1997 17:20:34 -0900
From: "Jim, Nancy, Juliann, Issei" <larsennnc@alaska.net>
To: qrp-l@Lehigh.EDU
Subject: [32148] AL7FS NOT on as Fox this week, either.
Message-ID: <348B5972.4480@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings from Alaska,

I am sorry to report I will not be able to operate as the Fox this coming Thursday. Access to the KL7Y station is not possible this coming week.

I will work with Chuck to see if there is a time next year to operate as Fox from Alaska.

73, Jim, AL7FS

--

Jim Larsen, ex-WA0LPK
Acupressure Anchorage
ECKANKAR

Vision Recumbent
Anchorage, Alaska

Date: Sun, 7 Dec 1997 20:40:44 -0500
From: "Bob Kellogg" <ae4ic@nr.infi.net>
To: <larsennc@alaska.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [32149] Re: Argh!!!!!!!!!!!!
Message-ID: <199712080236.VAA22084@mailhost.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Jim,

You were pretty weak here. Probably an honest 229 to 339. (My memory keyer thinks everyone is 559)

But, I must say that working NC to AK QRP was one of the highlights of the afternoon for me! Thanks for hanging in there!

CUL,
Bob Kellogg, AE4IC, Greensboro, NC
Prolably, but not nececelery. -- Benny Hill

> Here I sit with a blistering pace of 3 QSOs per 45 minutes. I am going
> to go hand some blinds on the windows for a while. Maybe things will
> improve.
>
> 73, Jim, AL7FS

Date: Mon, 8 Dec 1997 02:21:35 +0000
From: Bob Roach <KE4QOK@worldnet.att.net>
To: qrp-1@Lehigh.EDU
Subject: [32150] Spec sheets
Message-ID: <19971208022127.AAB18743@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello Everyone,

Is there a website(s) where you can download or view spec sheets for common transistors. If not how can one obtain them.

TNX in advance.

(o o)

-----o00_()_00o-----
73 es TNX Advanced, W5YI/ARRL VE, QRP-L#1264, AR QRP#83
KE4QOK KE4QOK@worldnet.att.net
Bob ke4qok@juno.com

136 Hermitage Road
Newport News, VA 23606
(757)930-0348

When the student is ready.....
The teacher will appear.

Date: Sun, 07 Dec 1997 19:47:27 +0000
From: Roger Hightower <n7kt@dancris.com>
To: qrp-l@Lehigh.EDU
Subject: [32151] Christmas, AZ Special Event Station
Message-ID: <348AFD4F.ED7D50A9@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

On Saturday, December 20, 1997 the Tri-City ARC will again be operating from the old mining area of Christmas, AZ, using the club call of N0EL.

QRO SSB will be from 1600-2200Z December 20 on/near 28.325, 21.325, 14.250 and 7.250.

We don't have enough experienced people to run a CW op that day, BUT:

QRP CW contacts can be made from 2300Z Dec 19 to 0300Z Dec 20. To make it easier, that's 1800-2200 Local EST, 1700-2100 Local CST, 1600-2000 Local MST, and 1500-1900 Local PST. This may put the West Coasters in a time bind, but if there is sufficient activity I'll keep on truckin' after 1900 PST.

One band only: 40M. I'll start on/near 7.042 and then QST to somewhere around 7.140 for the N/T folks, then back down, etc. Each QSY will be announced before I do it.

I'll be calling "CQ SES XMAS DE N0EL/QRP". QSL cards are being printed,

and all you need to do after the contact is send your card _and an SASE_ for your card. Please...this is an out-of-pocket deal, so be sure and include the SASE. QSL's to:

Roger Hightower, N7KT
1265 W. Kiowa Circle
Mesa, AZ 85202-6620

I'd like to hear from you. I'm working on getting another CW op to set up for the N/T segment, so we might be able to avoid the QSY hassle.

72....Roger

--

72/73, de Roger, N7KT
AK-QRP 167, ARCI 8946, CQC 176, GQRP 9081, NE-QRP 383, NORCAL 1099,
QRP-L 62

Date: Sun, 7 Dec 1997 21:47:13 -0500 (EST)
From: Mike Czuhajewski <wa8mcq@u1.abs.net>
To: qrp forum <qrp-l@Lehigh.EDU>
Subject: [32152] Latest SMD parts list
Message-ID: <Pine.BSI.3.96.971207214229.19589A-1000000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I just got the latest SMD parts list from Baggybob and will pass it on to anyone who is interested. He's been laying low lately, what with a new house and/or job, but I talked him into doing an updated list. If you'd like to see a copy, let me know and I'll forward it. He doesn't have any 2N2222's in SMD but does have some others.

In the meantime, I have some SMD parts myself that I had to take at a hamfest as part of a package deal and I'll list those for sale later. There is a total of about 18 different items, mostly resistors, some of them odd 1% values, as well as 10 pF and 100 pF chip caps, and an SMD resistor network (with 4 independent resistors of the same value). This will be pretty much a one-time deal, but they'll be dirt cheap--I want to get rid of them and get my money back.

73 and Queue Our Pea DE WA8MCQ wa8mcq@abs.net

Date: Sun, 7 Dec 1997 19:48:00 -0600
From: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
To: NOTU@webaccess.net
Cc: qrp-1@Lehigh.EDU
Subject: [32153] Ant wire
Message-ID: <M2348918.002.upp92.1.971208032933Z.CC-MAIL*/OU=LMPCC4/OU=ILBB/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Steve:

I haven't used steel wire myself. I have checked out what happens when you specify steel or aluminum wire when modeling an antenna however.

The aluminum wire will cost a few dB in antenna gain, and the steel wire will cost a lot of dB. Don't remember the exact numbers but the aluminum would be significantly better than steel.

Another watchout is bare copper-clad steel. I once had some open wire line, the kind with the white plastic rod spacers about an inch long. Used it to feed my old G5RV antenna. After it had been up a year or so, one day it would not load. Went outside and looked at it. The pollution in the salt air here had eaten the copper off the steel core, then the steel core rusted away. Looked like tattered lace hanging down from the antenna. Just as a matter of principle, I would remove the steel wire and replace it with the aluminum.

A new concern for you will be how to connect to the aluminum through the layer of oxide. Been several threads run here on soldering to aluminum.

Best and simplest solution I've seen offered was scrape the end of the aluminum wire clean and immediately coat with oil, whatever you have. Intent is to block oxygen away from the bare aluminum so oxide can't form again. Then the heat of soldering will burn the oil away, but the solder will stick to the clean aluminum. Perhaps you should experiment before going to all the work of replacing the steel wire with aluminum, but I believe it would be worth while.

72, Bob N6WG

Date: Sun, 7 Dec 1997 19:54:00 -0600
From: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
To: qrp-1@Lehigh.EDU
Subject: [32154] Test equipment
Message-ID: <M2348919.003.upp93.1.971208032934Z.CC-MAIL*/OU=LMPCC4/OU=ILBB/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Went to the Livermore Flea Market today. Raining like stink on the way, but

stopped by the time we got there. Not many sellers, but those that were there had some good stuff.

I picked up a brand new Leader LCR meter for \$120. At the NorCal meeting afterward, one person said he had seen them for around \$400 in a catalog. Hope so, makes it an easier sell to the xyl, when I claim my superior shopping powers. (Never admit to dumb luck:-)).

Tried it out on some small 5.6 uHy molded chokes. Seemed to be right on the money. The manual gives a procedure to allow the calculation of the coil Q based on measurement you make. Will have to dig out the calculator and try this out. Would like to have a decent reliable means of determining Q of coils.

The home lab is slowly coming into shape.

72 and Merry Christmas to All
Bob N6WG and a tail wag from Ol' Kenwood

Date: Sun, 7 Dec 1997 23:25:08 -0500 (EST)
From: D Bullard <dbullard@peachnet.campus.mci.net>
To: qrp-l@Lehigh.EDU
Subject: [32155] 38 Special and Norcal Paddles sold
Message-ID: <199712080425.XAA20354@aus-f.mp.campus.mci.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The items noted above have been sold.
Thanks for all the interest.

72,

Don WA4IML

Date: Mon, 8 Dec 1997 04:53:51 GMT
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-l@Lehigh.EDU
Subject: [32156] ARCI Holiday Spirit HB Sprint
Message-ID: <199712080453.EAA19442@chuck.dallas.sgi.com>

Gang,

What a hoot. Missed trip to AZ due to Phyllis getting a touch of the flu and the weather situation. Still going to MN though, can't get out of that one.

Fired up the trusty NN1G for this one. Single-band single-op single-antenna and simple-operator.

Did the 20M thing at 0.95W using GM-20 with long wire.

32 Qs with 20 S/P/C with 139 points x 10 (power) and 5,000 bonus for HB gave a total of

```
+-----+
|       |
| 32,800 points | 20M single band 0.25-1.00W class HB
|       |
+-----+
```

in 2.5 hours of operation. A serious thunderstorm came through the area and I took a break. We are not supposed to have these things in December.....

Soapbox.

1. Had to type in log twice. Once for WB2QAP's logging program that I bought at Dayton. Bummer. It does not generate an ASCII file from the log so that you can email the results to Cam. :-(Serious flaw in program IMHO. My first time to use and happened upon it this morning while going through a pile of disks looking for PSPICE. Did paper log as backup as I was going along just in case.
2. Digital Droids can't read. Band plan calls for 14.070 to 14.095 for digital, not 14.060MHz. They don't seem to use the speaker to check the frequency before calling. I got clobbered several times around 14.060 to 14.064MHz.
3. Thrill to give Ron KU7Y a 519 RST to my 559 (which I suspect he had programmed into the keyer like the rest of us :-)) But his 240mW did get through OK. Nice score Ron. See that money is well spent on the antenna in the sky. Oh I got the gas money OK from TX Towers.

4. Loudest signal has to go to N4ROA.
5. Fastest CQs for the day went to AB7MY.
6. Lowest report I got was 229 from KB9LGJ. Come on man, get the receiver fixed. :-) ;-) I'll take it for the 5 points for the Q. No pride at stake here. Must be QSB. That must have been it. :-) ;-)
7. Did note that the QRPers are the greatest bunch of ops in the world. Did you note the number of guys and girls that sent QRL? on a spot before blasting away with a CQ???? That was worth the price of admission alone. You are and will always be a great group with that kind of skill and polite manners. We all have seen the group in general grow significantly at all levels over the years.
8. Thirty minutes before the start I set up the rig and was tuning the antenna and called CQ on 20M. Guy came back and did the contest exchange and I reminded him that it hadn't started yet. :-) Nice to have that kind of enthusiasm for a QRP contest though.
9. Hints for some.
 - a. Shorten the CQs to a 2x2.
 - b. Don't repeat unless asked, although I sent twice because of the speed that I was set for.
 - c. Change speeds if you aren't getting any answers.
 - d. Make sure signal is clean and no chirp.
10. Did note that the TP crowd this year was well below us for that contest and we appreciate that. Hats off to them.

I thought about going to 40M, but with the QRN around here during the contest decided I try my luck at a single band score to see how well I could do. The last 30 mins netted me 5 contacts and 1 additional section. I had all the calls that I had heard today memorized by then. :-)

Oh-oh. Gotta answer that CQ from the computer fan.....sounds like a new section. Can work him while doing the QSLs.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com
<http://reality.sgi.com/adams/index.html>

Date: Sun, 07 Dec 1997 21:29:50 -0800
From: Monte Stark <ku7y@sage.dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [32157] Contest
Message-ID: <348B85CE.4EBE@sage.dri.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All,

I heard two digital stations send QRL? before starting up today. One even moved when I said "yes"!

And for all of you who worked K7RAT....that is the fellow who wrote the TR Log program and he was seeing first hand how it works in the ARCI contests! How's that for product support, eh?

And check out his ARRL SS SSB QRP score. Looks like he will be 2nd place in the QRP class!

cul,

--

73, Ron, KU7Y

NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M
QRP QRCI #8829----NorCal #330----QRP-L #17-----ARS #49
AR QRP #150-----DM09cg-----New Washoe City, NV

Date: Mon, 8 Dec 97 1:04:26 EST
From: Joel Malman <malman@BBN.COM>
To: qrp-l@Lehigh.EDU
Cc: wa1qvm@BBN.COM
Subject: [32158] QSL manager for 3E1DX
Message-ID: <199712080604.BAA72114@nss4.cc.Lehigh.EDU>

Folks,

Many thanks for the messages: the QSL manager for 3E1DX is KU9C. Panama is not a new QRP country for me, but I do need a 3E1 QSL card. TNX All.

/joel wa1qvm wa1qvm@bbn.com (QTH: Concord, Massachusetts)

Date: Sun, 7 Dec 1997 23:21:21 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [32159] Holiday Sprint de AB7TT
Message-ID: <199712080621.XAA19943@usr04.primenet.com>

Howdy Folks,

Well, was an interesting weekend. Had to cancel a hiking trip on Saturday because my cold had gotten much worse following a company-sponsored Friday trip of hiking, rock climbing, rappelling, and cold-river swimming. Heck, a day at the office doesn't get much better than that! :-) Doing it with a cold wasn't the smartest idea, but how the heck can ya pass that up?!?

My voice was gone by Saturday AM, which once again proves the superiority of CW over SSB. :-) Worked my first N/T+ Fox (Alan, KB7MBI) during his midnight run Sat. night, then hopped into the ARCI Holiday Sprint Sunday afternoon. Stayed on 15m long enough to prove it was open, even though it wasn't really. But I've always been hard-headed. :) Hopped to the rest of the bands later on. Was weird, only one CA station worked, no AZ, lots of MO and TX. And in one run of 20 QSOs, only 2 were duplicate states. What, there was a state quota in effect and nobody told me? :)

Farthest stations were AL7FS in AK (thanks Jim!) plus NJ and MA. The ever-elusive RI never showed. :-(

And in a proud moment of proving the efficiency of CW QRP, I worked two stations simultaneously. Answered WA4DOU's CQ and both he and Sir Dan (N4ROA) sent TU's after my exchange. :) Had to call Dan and ask for his exchange again to make it official, after I convinced him I was only a partial dupe. ;-)

Great to hear all the familiar sigs. Great ops out there! QRP contests are the best!

Anyway, that was my weekend. Hope yours was a good one too! Now if only I'd get better and stop coughing up brown smurfs.... Eww.....

And I suppose everyone's busily planning where to set up for the AZ ScQRPions FYBO Winter QRP Field Day on Feb. 7th.... ;-)

(Time to go catch up on email.... yikes!)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"Don't trust anyone under 5000 ft."

Date: Mon, 8 Dec 1997 03:58:50 EST
From: ARDUJENSKI <ARDUJENSKI@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [32160] N/T+ Foxhunt of 08 DEC 0000-0100 UTC
Message-ID: <b4347195.348bb6cc@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Noise up a bit here tonite, but I had a super time anyways. Another quality vs quantity nite.
Thanks for the hunt!!

Please note any corrections.

N/T+ Foxhunt of 08 DEC 0000-0100 UTC:

TIME	STATION	NAME	STATE	RST(S)/(MY)	PWR
0004	W1AQVM	JOEL	MA	339/339	4W
0006	K0EVZ	DOC	MN	339/449	5W
0010	W2UX	GARY	SC	339/449	?
0012	N0TU	STEVE	CO	449/559	5W
0014	KA5T	LARRY	TX	449/559	5W
0017	KE0WW	MIKE	MN	559/559	5W
0019	N4S0	KEN	AL	449/339	2W
0025	KI0II	RON	CO	449/449	2W
0045	VE3ELA	KEN	ONT	449/449	3W

0055 KA7NOC STEVE ID 599/599 50W** (QRO)

** (Nice sig Steve....TNX for call anyways...ALWAYS GOOD TO HEARE FROM YOU)

Station: KB7MBI

FREQ:..... 7.14

RIG..... EMTECH NW8020 (40M) and filter

PWR..... 5W

ANT:..... DOUBLE-ZEPP (N-S) up 50 ft

Date: Mon, 08 Dec 1997 09:35:42 +0000

From: Jack Bennett <J.Bennett@lboro.ac.uk>

To: qrp-l@Lehigh.EDU

Subject: [32161] Re Publications

Message-ID: <1.5.4.16.19971208093542.2c973c32@hpcin.lboro.ac.uk>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Many thanks to all on the list who took the trouble to respond to my request for information. I was impressed, particularly with one response, just 15 mins after the posting! Fantastic, many thanks and 72.

Jack, G3PVG

GQRP 4725

Date: Mon, 8 Dec 1997 06:26:13 -0500

From: "Ron Polityka" <wb3aal@talon.net>

To: "QRP-L" <qrp-l@Lehigh.EDU>

Subject: [32162] Welcome to ECG

Message-ID: <01bd03cc\$174ee4e0\$215445c6@default>

MIME-Version: 1.0

Content-Type: multipart/mixed;

boundary="-----=_NextPart_000_0006_01BD03A2.2E78DCE0"

This is a multi-part message in MIME format.

-----=_NextPart_000_0006_01BD03A2.2E78DCE0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hello QRP-L Members,

I seen Bob was looking for a spec sheet for devices.
I did a search for Philips ECG and this is what I came
up with. When you do a search for an item it will tell you
what it is but unlike the ECG book it does not give you a diagram.

Happy Holidays!
73, Good DXing & QRPing
Ron de WB3AAL

E-mail: wb3aal@talon.net
BBS: WB3AAL @ WB3FYL.#BER.PA.USA.NA

QRP # 5318	G-QRP # 3031	AK/QRP #309
10-10 # 13173	QRP-L # 1099	

<http://www.ecgproducts.com/>

-----=_NextPart_000_0006_01BD03A2.2E78DCE0
Content-Type: application/octet-stream;
name="Welcome to ECG.url"
Content-Transfer-Encoding: 7bit
Content-Disposition: attachment;
filename="Welcome to ECG.url"

[InternetShortcut]
URL=<http://www.ecgproducts.com/>
Modified=C0BE916BCB03BD0106

-----=_NextPart_000_0006_01BD03A2.2E78DCE0--

Date: Mon, 8 Dec 1997 08:07:55 -0500 (EST)
From: William McFadden <wmcfadde@oucsace.cs.ohiou.edu>
To: qrp-l@Lehigh.EDU (qrp-l)
Subject: [32163] ARCI Sprint Report
Message-ID: <199712081307.IAA14536@oucsace.cs.ohiou.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

William Eric McFadden WD8RIF
12600 Adeline Circle

Athens OH 45701

ARCI #8856

Log of WD8RIF

Holiday Spirits Homebrew Sprint

7 Dec 1997

Equipment:

IC-735 adjusted for 5 watts output,
measured on Yaesu YP-150 dummyload/wattmeter
AT-3000 Antenna Tuner
135' ladderline-fed dipole at 30'

Entry Class : Lo Band (40 & 80m)

Total on-air time : approximately 50 minutes

Freq	Time UTC	Callsign	RST S	RST R	SPC	Exchange
----	-----	-----	-----	-----	---	-----
7.040	2217	WD3P	559	559	MD 9406	
7.039	2220	N9MDK		569	559 IL 8557	
3.556	2236	W3TS	599	579	PA 3315	
3.557	2239	KB8IDW		589	569 VA 7993	
3.560	2244	N2CQ	599	579	NJ 7975	
3.561	2248	N4ROA		579	579 VA 7401	
3.560	2250	WB2KKX		559	579 NY 8008	
3.560	2256	N2SMH		559	559 NJ 8737	
3.560	2258	W3OFD		449	459 PA 5W	

Score Calculations:

8 Member QSO (5 points/QSO) = 40
1 non-member, same continent = 2
--
42 QSO points

SPC Multiplier x 6
Power Multiplier x 7

No Bonus Points

Total 1764 points

The family and I arrived home two hours after the contest started. The short time I had to operate was while my supper got cold--with both toddlers in the shack with me. (Then, after I ate my cold supper, it was time to put the little ops to bed.)

Forty meters was very crowded and very noisy. Eighty meters was more sparsely populated and very quiet.

I may have stolen the frequency from WB2KKX; if I did so, I apologize. I had answered his CQ. After our QSO, N2SMH threw in his call. When WB2KKX didn't answer him, I gave him a call.

This was another good event. I would have liked to spend more time on the air, and I look forward to the next ARCI event.

72,

Eric

--

W. Eric McFadden WD8RIF Athens OH
wd8rif@qsl.net
<http://www.qsl.net/wd8rif>

Date: Mon, 8 Dec 1997 14:25:33 GMT
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-1@Lehigh.EDU
Subject: [32164] 1998 ARRL Handbook Price
Message-ID: <199712081425.0AA20364@chuck.dallas.sgi.com>

I found out at TX Towers on Saturday why the price went from \$38 to \$32. They took out the floppy disk as the software is available from the ARRL Site.

Those of you that have already bought it will note the addition in Chapter 10 there is an introduction to SPICE modeling. See my article in the next issue of QRP ARCI Quarterly on modeling of the Chebyshev filters.

On page 10.24 is a common-emitter audio amplifier using (of all things) a 2N2222. :-)

So many pages and so little time.

FYI

Chuck Adams K5FO CP-60 adams@sgi.com
<http://reality.sgi.com/adams/index.html>

Date: Mon, 8 Dec 1997 10:51:05 -0500 (EST)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [32165] Re: Palmtop Computers
Message-ID: <Pine.LNX.3.93.971208104610.641A-1000000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 6 Dec 1997, William R. Moore wrote:

> that has the C120+ for \$95. Placed an order, but not certain that they are
> in stock. The URL is <http://www.cmpexpress.com/> Search for Vendor COMPAQ
>
>> Take a look around your Office Depot stores for the COMPAQ C-140 or C-120

Called CMPEXpress on Saturday moments after this post. The rep said that I would have to call back Monday since the couldn't check their suppliers on a Saturday, I still had hope... Called this morning, *ALL* the 120's are out of stock, out of production, no more to be had:(I asked about the 140, you can put one on back order via the website and they will call (email?) if/when you can order it. The 140 has more ram and no modem, anyone know if the 140 will take a "standard" PCMCIA modem? I have and extra and this would get me to take a chance putting one on back order, tnx 72

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE QRP WAS 27/10(w/c) | <http://dns.vidtel.com/~ccart> --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? NJ-QRP #105 LIQRP #???? --

Date: Mon, 08 Dec 1997 14:45:59 -0800
From: Ken LaRose <kenlar@csolve.net>
To: qrp-l@Lehigh.EDU
Subject: [32166] Holiday Spirits HB Sprint
Message-ID: <348C78A7.6A32@csolve.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello,

My name is Ken, and I'm an addict...a QRP contest addict!

Here's my log, and as you can see, many well-known contesters are represented, first-class ops all.

20m: KQ0I, W3RDF, K4AGT, K5FO, VE4AKI, W5SB, K5ZTY, KJ5TF, WB0T, WB0WQS, N6MM, K7RAT, W6ZH.

40m: WZ2T, K9PX, N2VPK, N2YVF, K3WWP, N9MDK, WD3P, N2CQ, WA1QVM, WA4CHQ, W3KC, K4AT, K5TF, K0EVZ, K4GEL, WR4I.

20m: N4ROA, KB8IDW, WB2KKX, W3TS, K8CV.

Score: 164 points x 19 SPCs x 7 pwr mult + 5000 bonus = 26,812 TOTAL

Love the Sprint concept; it doesn't tie up the whole weekend, and gives you that "contest rush" feeling for a few hours. Bring on the Colorado Snowshoe Run - muusshh!!

73 all, de Ken VE3ELA

Date: Mon, 8 Dec 1997 11:01:59 -0500 (EST)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>, Laurel ARC <larc-l@webtrek.com>, eax@w3eax.umd.edu
Subject: [32167] NF3I/4, NF3I/9, NF3I/8
Message-ID: <Pine.LNX.3.95.971208095204.26593A-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

My road trip thru the midwest begins tomorrow.

MD to Lexington, KY tomorrow (plowing thru snow in the NF3I-mobile)
Speaking at a conference Wednesday morning
Then on to Chicago Wednesday afternoon.

I'll be on whatever HF band is open, 99% CW, as well as on 2m and 440.

If anyone wants to do dinner in Lexington, KY Tuesday night, I'll be at the Radisson downtown - 606-281-3707 - and will be checking e-mail about

once a day.

In Chicago, I'll be at the Sheraton downtown. Can't say what schedule will be like, BUT I'll be around for close to a week.

Tel: (312) 464-1000

Dinner welcome :) Will try to be QRV from the room but no promises.

Then back home via Cleveland...happy QRP, happy holidays!

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 80 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* Charter member, Maryland Milliwatters * W3-VK on 3w mobile CW *
*** 301-549-1022 h / 301-982-1015 w ** Life is one big hamfest ***

Date: Mon, 08 Dec 1997 10:01:27 -0500
From: Randy Hargenrader <randyh@harksystems.com>
To: qrp-1@Lehigh.EDU
Cc: klqrp@acpub.duke.edu
Subject: [32168] KL Net 12/7/97
Message-ID: <348C0BC7.3825@harksystems.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The KnightLite Net meets every Sunday at 9:30pm (Eastern) on
3.686.4 mHz. ALL stations are welcome! The KLN is an informal
directed net with stations checking in from all over at all power
levels. C'mon and join in on the fun as the check-ins report
their power outputs and the RST's of some of the other stations.
Bring a tidbit of news to share as well and let us know whats
happening in your neck of the woods!
See you next Sunday?

Gang,
Looks like the antenna "flu bug" has found the south! I had my
antenna troubles last week and now Gary! Yikes! Gang, feed your
antenna systems vitamin "C" (current?) on a regular basis to keep
this malady at bay!

We had a busy net last nite! Lots of check-ins with lots to say!
Condx were pretty good, but it looks like I've got a null to the
north! (My antenna wire runs north/south)

Total QNI: 13

Here's the QNS list:

N4ELM DAVE (Gary had him before I took over NCS)

WA1QVM JOEL (Joel, I heard you calling looking for the net and I
gave you a couple of calls after I took NCS.)

station	name	rst	remarks
N1SB	Steve	579	...seriously chilly hr... gboro hamfest fun ...4w from raleigh..
W3KC	Chas	579	...had a great time on the Holiday Sprints... ...the sigs are gud here...
WB0CLD	Bill	549	...this is bill in mo...gud sigs wid qsb...
W4DON	Don	599	...ncs is 579 in statesville... 1w into vee.. ...sri did not get to hamfest...
AE4IC	Bob	599	...hope you got antenna up it is wrking fb here...
AC4QX	Red	579	...ge to kl net ncs 599 cary nc...
AA4XX	Paul	549	...5w to dipole...planning on qrpizza gary...
KF2PH	Kip(?)	219	I could barely hear him! sri Lyn!
W4WDN	Lyn	599	(AE4IC took his check-in I couldnt hear him at first until I tuned lower. Sri Lyn! You had a good sig here!)

NCS WJ4P and N3G0

A good net gang! I propose that we take the first part of the net to
look for QRPp stations. That way we can get the "light" ones up front
with all the ears listening. BTW, it would be nice if some stations
could hang about a bit after checking in to help with "relays". The
NCS's would appreciate it! See you next time, same bat station, same
bat channel!!!

--

73, Randy WJ4P

Knightlites QRP-L #296

Date: Mon, 8 Dec 1997 09:22:10 -0600 (CST)
From: William Wyatt <wbw95k@timon.acu.edu>
To: Ham-Tech <ham-tech@majordomo.netcom.com>
Cc: qrp mailing list <qrp-l@lehigh.edu>
Subject: [32169] Compaq palmtop
Message-ID: <Pine.BSI.3.95.971208091912.6230A-100000@timon.acu.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The saga for a cheap palmtop continues---

The friendly people at CMPEXpress said the c120 and c120+ are indeed all sold out and Compaq has no plans to make any more, He also said that they are in contact with Compaq about this big back order for the c140 and Compaq will get back with them about whether or not they will continue to make the c140 for this order. The rep at CMPEXpress I talked to wondered why the big intrest in the palmtop and palmpilot, \$100 I'm interested, so are other people.

| | | | wbw95k@timon.acu.edu
| | | | William Wyatt
| /\ | | /\ | KC5ZGH <--Tech Plus // QRP-L member #1339
|/ \ | | / \ | 1 Corinthians 13:13
<http://timon.acu.edu/~wbw95k>
--*** **-- -** * *- *-*- ***** --** --* ****

Date: Mon, 8 Dec 1997 10:27:55 -0500
From: "David Maliniak" <dmaliniak@penton.com>
To: Qrp-l@Lehigh.EDU
Subject: [32170] 1998 ARRL Handbook
Message-ID: <85256567.0054AE44.00@mail.penton.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Guys:

Pardon me if I'm repeating something you already know. I saw a couple of comments in the weekend's digests regarding the 1998 Handbook and its lowered price of \$32 vs. \$38 for the 1997. Be aware that part of the reason for the price cut may be the omission of the floppy disk full of software that has come with the Handbook for the past few years. I haven't purchased the 1998 Handbook myself (I happen to have a 1997 copy and typically only buy one every few years or so), but I did have my hands on one the other day in its shrink wrap and the absence of the disk was obvious.

My \$0.02.

72 David N2SMH
Glen Rock, NJ

Date: Mon, 08 Dec 1997 08:29:57 -0700
From: Andy Fox <foxes@theriver.com>
To: qrp-1@Lehigh.EDU
Subject: [32171] QSL Card Question
Message-ID: <348C1274.449A@theriver.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello,

Just a quick protocol question about QSL cards. My cards have all the information regarding my home QTH. Let's say that I operate from a different state and the other operator requests a QSL card because they need that state for some award or another. The State, County and Maidenhead Grid will all be different. First of all, can the other operator get credit for working the state that I'm visiting? If so, should I make up some cards for that QTH with the correct information, or is it acceptable to send a regular QSL card with the extra information?

Thanks in advance. I don't have any of my ham literature here at the office, and I only seem to think about this question when I'm here...

73

--

Andy Fox, KK7HV
mailto:foxes@theriver.com
<http://personal.riverusers.com/~foxes/>

Date: Mon, 8 Dec 1997 10:35:35 -0500
From: "JakeCart" <JakeCart@ix.netcom.com>
To: <qrp-1@lehigh.edu>
Subject: [32172] ARCI Homebrew Sprint at QRPp levels is tough
Message-ID: <199712081535.JAA20151@dfw-ix16.ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Well, I used my Pixie II / MRX-40 / Tick Keyer combo putting a full 200 milliwatts in my 40m wire dipole to work the QRP-ARCI Holiday Spirits

Homebrew Sprint yesterday. I tried the Pixie alone on Friday but strong shortwave signals overwhelmed the receiver -- had a Japanese station that was very strong hear -- to bad it wasn't an amateur :-). I rigged up the MRX-40 and a T/R switch and had a much more selective receiver -- but still tough going.

I made 5 contacts (which I'm very happy about) in a couple hours of waiting for the big QRP guys to leave a little space around the Pixie's crystal frequency. Its weird when guys running 25 times your power are only running 5 watts :-).

There are 2 difficult aspects to running a little rig like this one:

1) waiting for the frequency to clear -- with a crystal rig you don't have too many choices, and

2) hearing the stations that hear me. I have to tweak the MRX-40 tuning and volume to get around shortwave broadcast stations and strong amateur signals to hear the station responding to my call. I try to adjust the pitch of the received signal to make it stand out but I'm not always successful. Sorry if I missed anyone.

I did work stations in MD, PA, MA and GA (a tough one), and this morning had a nice long QSO with NC. Got VA and MD on Saturday. So my little rig is doing OK and its a real thrill to make contacts on gear you build yourself.

73/72,

Jake [N4UY]

QRP-L #821, G-QRP #9557, AK/QRP #175, CQrp #46,
NJ-QRP #74, NorCal#1457, ARCI #9392, FISTS #3450

WAS QRP W/C 48/47 (need HI and MS)

WAS QRPp W/C 5/0 (200 milliwatts on a Pixie II / MRX-40 / Tick Keyer combo)

Date: Mon, 08 Dec 1997 10:44:04 -0500
From: Ken Newman <n2cq@comten.com>
To: QRP-L@Lehigh.EDU, njqrp@njqrp.org
Subject: [32173] Holiday Spirit Results
Message-ID: <1.5.4.16.19971208154321.312fc8bc@mail.comten.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Hi Group,

Not quite as much activity this time as some are. 40 meters was the one for here to be sure, but 80 was very good too. Excellent condx on those two. There were a few on 15 with good sigs but no answer on 10. Thanks for the great signal reports on 80 with the NW80 that just came on line recently. When you hear a 20 over 9 report at 500-600 mile link, it's working! Happy Holidays!

1997 QRP ARCI CONTEST

Call used: N2CQ

Location: NJ

Category: Single Op All Band

Mode: CW

Power: 5W

Callsign of Operator: N2CQ

Exchanged Information: N2CQ RST NJ 7975

Hours of Operation: 03:44

band	QSOs	points	mults	Bonus
160	0	0	0	
80	16	434	8	5000
40	36	1113	20	5000
20	11	301	9	
15	6	168	4	
10	0	0	0	

TOTAL	69	2016	41	First Score: 82,656 +Bonus: 10,000 Final Score: 92,656

Club or Team Name: NJ QRP Club

Comments:

EMTECH NW80 - 5W - 80 mtrs
OHR Explorer II - 2.5 W - 40 mtrs
Kenwood TS-850 SAT - 5W - 20 & 15 Mtrs

TA33jr tribander

CF Zepp
Up 35-40'

72/73,
Ken Newman, N2CQ
Woodbury, NJ
N2CQ@Comten.com

Date: Mon, 8 Dec 1997 09:53:37 -0600
From: Kevin Muenzler <wb5rue@stic.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, "'foxes@theriver.com'"
<foxes@theriver.com>
Subject: [32174] RE: QSL Card Question
Message-ID: <01BD03BF.289481E0@muenzlerk.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

On foxes@theriver.com, Andy Fox[SMTP:foxes@theriver.com] wrote:

> Hello,
>
> Just a quick protocol question about QSL cards. My cards have all the
> information regarding my home QTH. Let's say that I operate from a
> different state and the other operator requests a QSL card because they
> need that state for some award or another. The State, County and
> Maidenhead Grid will all be different. First of all, _can_ the other
> operator get credit for working the state that I'm visiting? If so,
> should I make up some cards for that QTH with the correct information,
> or is it acceptable to send a regular QSL card with the extra
> information?
>
> Thanks in advance. I don't have any of my ham literature here at the
> office, and I only seem to think about this question when I'm here...
>
> 73
> --
> -----
> Andy Fox, KK7HV
> mailto:foxes@theriver.com
> <http://personal.riverusers.com/~foxes/>

> -----
>
>

Yes the other operator can get credit for the state from which YOU operate even if your QSL has your home state on it. Simply note that you are portable from another location either in the comments section of your card. I have numerous cards from portable operators and have used them for various awards

72/73
Kevin, WB5RUE
wb5rue@stic.net

Date: Mon, 8 Dec 1997 12:11:59 -0500 (EST)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-1@Lehigh.EDU>
Subject: [32175] Weekend musings... QRPP, a small world (long)
Message-ID: <Pine.LNX.3.93.971208105943.641B-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I had a great radio playin' weekend. No, didn't do much with the ARCI Sprint, no more than hand out a few points /M since I was in the truck for the whole thing. Didn't work any exotic DX, or even try some new mode or band. All I did was "chat" with a guy in MI for 45 minutes :)

What's so special about this? Sunday I freed up a little time to just do nothing, nothing usually equates to sitting in front of a radio, much to the amusement of the YL. It can be terribly frustrating one minute, pure elation the next. In cleaning up the shack, I "re-found" my SST 30 with the KC-1 in it. Hey, this thing hasn't been played with in a while. Ok, it's set to one watt, lets put it on the long wire and see what happens... CQ CQ..., nuttin' Tune around a little, answer a K8, he comes back to me, yipeeee! Waaaay low, ugghh. Can't retune, he won't hear me, so I tough it out, something about chirp, drift, QSB and he fades away...

Ooops! when did I charge the battery last? Apparently at least 3 or 4 volts ago <grin>, put in the new one, find the K8 again, apologize, all is well. Gee, while I have the radio open why don't I crank the power back a little. Alway wanted to try something under 1/2 a watt. I had the WM-1 out anyway (found out I didn't kill the DX70 finals, like I said, a

good weekend). What to set it too, hmmm... KU7Y's 35mW just seemed a little to bold for a long wire in a valley, so I settled on 100mW. Not bad, less power than one of the tiny bulbs in the xmas lights the YL was putting up, easy to send, a nice round number.

I hear a K4 calling CQ, KB8UMD goes back to him, for some reason KB8UMD sounds familiar... must be someone on the list or something. Wait for the K4 reply, wait, wait, nothing. I went back to KB8UMD and got a 529! We got the usual info out of the way, a few repeats because of QSB (no surprise on picopower), I'm in MD he's in MI. He hangs a /QRP on his call (he's at 5W), I "retaliate" with a /QRPP, and it gets to be a lot of fun when the calls seem to get longer than the exchanges. Man this is fun! And all at 100mW! Even sent "PWR HR IS 1TT MILLIWATTS" just so there was no mistake. But he kept saying something about a tuner, yeah, yeah, I have a tuner too, big deal:) I tell him I'm using a Norcal SST Kit, Heath HFT-9 tuner and 85' of wire in the trees out back. In fact I just sent a check to a guy to get another HFT9 'cause I like the one I have so much that I "need" another one. Bought it from some guy out in MI. (yes at this point there was a small light (100mW?) over my head :)

Ok, so I'm no Paul Harvey, but if you haven't figured it out by now "the guy" I'm getting the tuner from is John, KB8UMD one of our list members. All the foxhunt practice, banter on the list, reading Ades book, all helps out. Then again sometime you just have to got for it. And I think that QSO qualifies for a pair of those nifty Kilomile/Watt certificates that I've been trying to get since I turned the throttle back to 1W to make the math easy:) Guess I've just been using too much power all along...

I've had nothing but compliments on my sigs from the SST's, as long as I remember to use a *charged* battery :), the RX does seem to ring a little when it gets to about 11V so I guess I should pay a little more attention. Thanks Wayne & Wilderness for a great radio! John said it was very stable and sounded like a kilobuck rig except for the QSB. Hmmm... I wonder what the IC735 would sound like at 100mW...

And many thanks for my first QRPP contact John, the card is on its way, certs if it qualifies. And gang give QRPP a shot, it has been my biggest thrill to date (all 18 mos of it). Hey, with a the world getting smaller all the time shouldn't we be able to use less and less power? 72

Life's too short for \$8 finals... (apologies to Marshall)

```
-- Chris Cartwright,   Technical Engineer   |       ccart@vidtel.com       --
-- N3XRV      ARRL-VE   QRP WAS 27/10(w/c)   | http://dns.vidtel.com/~ccart --
-- QRP-L #655   NORCAL #1891   QRP-ARCI #???? NJ-QRP #105   LIQRP #???? --
```

Date: Mon, 8 Dec 1997 10:15:11 -0600
From: Ed Manuel <n5em@flash.net>
To: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>
Subject: [32176] RE: Compaq palmtop
Message-ID: <01BD03C2.45E1B300@hsh6-38.flash.NET>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

snip

The rep at CMPEXpress I talked to wondered
why the big intrest in the palmtop and palmpilot, \$100 I'm interested, =
so
are other people.

| | | | wbw95k@timon.acu.edu
| | | | William Wyatt

One reason you are having SO much trouble getting one of these is that =
they also go to the local Compaq factory outlet store here in North =
Houston. Compaq employees who know better than anyone the timing of =
availability at that store of these super bargains have been seen =
filling their entire Christmas shopping list by buying them in large =
stacks (> 1 dozen) at a time. There is little hope, all ye in far away =
places.

Ed, N5EM
Just a plain old HP100LX palmtop.
n5em@flash.net

Date: Mon, 08 Dec 1997 11:24:31 -0500
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: ccart@dns.vidtel.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [32177] Re: Palmtop Computers
Message-ID: <348C1F3F.7A72@quartz.gly.fsu.edu>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Chris Cartwright wrote:

>

> Called CMPEXpress on Saturday moments after this post. The rep said that
> I would have to call back Monday since they couldn't check their suppliers
> on a Saturday, I still had hope...

I have had lots of problems with CMP. Numerous missed delivery dates,
unanswered e-mail etc. I eventually went to Insight. They matched
CMP's prices and I had my order within the week.

Let us know how your luck with CMP is.

Henry

Date: Mon, 08 Dec 1997 09:35:00 -0600
From: "Phil, K6LS" <k6ls@prolynx.com>
To: qrp-l@Lehigh.EDU
Subject: [32178] UN-postpone QRP-L????
Message-ID: <348C13A4.66EDCDDA@prolynx.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

read and did the instructions for postponing QRP-L, but now I
can't find how to UN-postpone.

I need a little help- purty please.

(might also want to update the subscriber info with how it's
done too.)

Tnx,

--

73 de Phil, K6LS

k6ls@qsl.net <or> k6ls@amsat.org
<http://www.qsl.net/k6ls>
DM79or, Arapahoe County, Colorado
ITU zone 7, CQ zone 4
QRP-L #612 NorCal #824
CQC #471 ARCI #8866

Date: Mon, 08 Dec 1997 10:34:02 -0600
From: "Jeff M. Gold" <jmg@tntech.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [32179] HW9-S&S programmable counter
Message-ID: <348C217A.BA2BF1DC@tntech.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

I finally spent some time working on my HW9. It seems most of the problems were not the rigs fault. I had the S&S counter hooked to TP101? this managed to pull down the oscillator circuit on 12, 10 completely and a bit on 17. I removed the counter and then re-aligned the rig. All bands now work very well. I find the receiver to work fine and same with transmit.

anyone manage to successfully hook this counter to this rig? I would appreciate help.

73
Jeff, AC4HF

--
Jeff M. Gold, Manager
Academic Computing Support
Tennessee Technological University
(615)372-3979

Date: Mon, 08 Dec 1997 09:45:50 -0700
From: John Evans - N0HJ <jaevans@codenet.net>
To: qrp-l@lehigh.edu
Subject: [32180] Re: Compaq palmtop
Message-ID: <348C243E.9081260B@codenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> The rep at CMPEXpress I talked to wondered
> why the big intrest in the palmtop and palmpilot, \$100 I'm interested, so
> are other people.

Lemmings !!!!

john - n0hj

John A. Evans	Chief Systems Administrator
Office: (719) 528-1800 x164	Titan Software Systems
Fax: (719) 528-1888	1115 Elkton Drive, Suite 200
email: jaevans@cos.cst.titan.com	Colorado Springs, CO 80907-3535

Norcal #262 QRP-L #219 QRP-ARCI #8303 NE-QRP #213 CQC #045
CQrp #15 NJ-QRP #50 AK-QRP #52 NW-QRP #454 FISTS #3184
Personal Web Page: <http://www.geocities.com/capecanaveral/9773/>

Date: Mon, 08 Dec 1997 08:53:03 -0800
From: Jeff Grudin <grudin@pacific.vdbs.com>
To: qrp-l@lehigh.edu
Subject: [32181] Re: QSL Card Question
Message-ID: <348C25EF.65C@vdbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Kevin,

I usually try to pick up some postcards from the area I am visiting. Then I run them through my computer printer and put the little boxes and any info on the back.

Then you have custom QSL cards from your trip.

--
73 de Jeff AC6KW
grudin@vddb.com

QRP-L #16	Private Practice : Companion Animals and Exotics
Norcal QRP #1292	Ocean Animal Clinic / Cat Clinic of Santa Cruz
California	Santa Cruz,

QRP'ers do it with less energy (but lot's of enthusiasm)!

Date: Mon, 8 Dec 1997 16:55:46 GMT
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: k6ls@prolynx.com
Cc: qrp-l@lehigh.edu
Subject: [32182] Re: UN-postpone QRP-L????
Message-ID: <199712081655.QAA01928@chuck.dallas.sgi.com>

Phil,

Let me see if I can get you a summary.

The subscriber info has the info.

tnx de K5FO

-----cut here-----

QRP-L COMMAND SUMMARY LIST --- VERSION 1.0 --- Aug 14, 1997

NOTES: your_name is to be replaced by your name, e.g. Ludwig Beethoven
your_call is to be replaced by your call, e.g. K5FJZ or NO_CALL

199X 9XMMDD means year 199X and month MM and day DD, thus
1997 970208 is February 8th, 1997 and the digest for
whole day

In some of the examples below the upper case letters are to avoid
confusion. Not required unless so noted.

Your QRP-L numbers are for life. No need to redo it if you unsub
and then come back later, go on vacation, etc. It is a non-contestable
part of any divorce proceedings and non-transferable. It will not
be reissued as part of a 'vanity-number' program. :-) ;-) It cannot
be willed to a family or non-family member. Let us know if you get a
vanity call.

Some of the files in some of the directories that have a .ps in
their name are PostScript files and must be printed or viewed using
a PostScript compatible printer or viewer.

The ACK command will start back individual receipt of postings and

terminates the DIGEST and POSTPONE commands.

email to	command in body or message	results of same
LISTSERV@LEHIGH.EDU	SUBSCRIBE QRP-L your_name your_call	get on the list
LISTSERV@LEHIGH.EDU	UNSUBSCRIBE QRP-L	exit the list
LISTSERV@LEHIGH.EDU	SET QRP-L MAIL DIGEST	rcv digest mode
LISTSERV@LEHIGH.EDU	SET QRP-L MAIL POSTPONE	stop qrp-l temp.
LISTSERV@LEHIGH.EDU	SET QRP-L MAIL ACK	restart qrp-l mail
LISTSERV@LEHIGH.EDU	RECIPIENTS QRP-L	get list of members
LISTSERV@LEHIGH.EDU	INDEX QRP-L -ALL	list files online
LISTSERV@LEHIGH.EDU	GET QRP-L/subdirectory filename	get file from list
LISTSERV@LEHIGH.EDU	GET QRP-L WELCOME.TXT	get welcome file
LISTSERV@LEHIGH.EDU	GET QRP-L/ARCHIVES-OLD/199X 9XMMDD	get one day posts
LISTSERV@LEHIGH.EDU	HELP	get help
LISTSERV@LEHIGH.EDU	RUN QRP-L X GETNR your_call	get secret number
LISTSERV@LEHIGH.EDU	GET QRP-L/MISC MEMBER_NUMBERS.TXT	get secret nr list
LISTSERV@LEHIGH.EDU	RUN QRP-L X QRP_CALL	get calls by area
LISTSERV@LEHIGH.EDU	RUN QRP-L X FCC_CALL callsign	lookup up call
LISTSERV@LEHIGH.EDU	RUN QRP-L X CALLS2DIST call1 call2	lookup call2 & dist
QRP-L@LEHIGH.EDU	Message you want broadcast to group Put none of the above commands in message to the group. Avoid repeating previously posted messages and lengthy signature files, please.	message to qrp-l
ADAMS@SGI.COM	Message	message to Chuck
LUJCE@LEHIGH.EDU	Message	message to Jim

ftp to

FTP.LEHIGH.EDU for ftp site. Note that .Z should be omitted in GET command for getting files uncompressed. Use filename without .Z extent.

web site

<http://www.lehigh.edu/lists/archives/qrp-l> To get postings (all lower case).

If you use the web facilities, please subscribe, then do a POSTPONE.
You will show up on the list and you can post, otherwise you will only be
able to read from the list.

Chuck Adams K5FO CP-60 adams@sgi.com
<http://reality.sgi.com/adams/index.html>

Date: Mon, 8 Dec 1997 13:09:44 -0500 (EST)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [32183] RE: Palmtop Computers
Message-ID: <Pine.LNX.3.93.971208130809.641D-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just checked with Insight, they have 25 coming in on 12/12/97.
Unfortunately 75 of these are already sold :(Must be the nerdy
equivilent of Tickle me Elmo...

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE QRP WAS 27/10(w/c) | <http://dns.vidtel.com/~ccart> --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? NJ-QRP #105 LIQRP #???? --

Date: Mon, 8 Dec 1997 09:06:17 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <n0tu@webaccess.net>
Cc: "QRP-L list server" <qrp-l@lehigh.edu>
Subject: [32184] Re: Antenna Wire: Copper or ?
Message-ID: <199712081733.LAA09726@multi13.netcomi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Steve --

The DC measurements have a lot to do with RF. The loss resistance at RF
can only be higher (worse) than the DC resistance.

Think of an antenna as a combination of two resistors. One resistor is the
usual kind which converts your electrical energy to heat. The other is the

effect of the electrical energy taking wing from your antenna and going off in the electromagnetic fields. Like a regular resistor, your antenna converts the energy you put into it into another form and removes it from your circuit. This part is called radiation resistance. When we say that a resonant dipole in free space has an impedance of 72 ohms, that means that the antenna converts RF electrical energy into electromagnetic energy such that it appears the same as a 72 ohm resistor.

With two resistors in the circuit, the power you feed into the circuit is converted by both resistors in proportion to their resistance. The higher the radiation resistance compared to the regular resistance, the more power gets converted to radio waves and the less power gets converted to heat.

The DC resistance measurements you took are reasonably close to the regular (heat producing) resistances that the RF will see. The RF will actually see a slightly higher resistance.

The efficiency of your antenna can be roughly calculated by comparing the radiation resistance to the electrical (normal) resistance. For example, if the radiation resistance of your big loop was 90 ohms and the electrical resistance was 900 ohms, the efficiency would be 10% -- which is pretty bad because 90% of your QRP power went straight to global warming instead of communication.

In other words, replace the steel wire with copper or aluminum.

Mike K1MG

> From: Steve Galchutt <n0tu@webaccess.net>
> ...The reason I ask is... I just finished putting up a 1000' horizontal loop
> @ 25-40' using #20 steel wire (maybe a mistake using steel?)... I measured the big loop's
> resistance with a DVM and it's high!...almost 900 ohms!...

Date: Mon, 08 Dec 1997 12:07:45 EST
From: kt3a@juno.com
To: foxes@theriver.com
Cc: qrp-l@lehigh.edu

Subject: [32185] Re: QSL Card Question
Message-ID: <19971208.120333.8863.8.kt3a@juno.com>

Andy,

Good question. In practice, most will cross out the incorrect info and write the new info on. I don't know if this is acceptable from ARRL or others. I moved alot over the past 5 years, and I also operate portable, mobile, and from my work place (MARS Station).

What I did was make cards that have lines for the following:

My name and call at the top of the card.

A box to check for either: Fixed, Portable, and Mobile.

LOCATION: _____

COUNTY: _____

STATE: _____

GRID SQ: _____

RIG: _____

ANT: _____

POWER: _____

(I should have included Zone and ARRL section
but did not want to cram it in.)

Then below is the standard box for info:

Call

Date

Time

Freq

RST

2 way confirming _____

TNX PSE QSL

I can use this card the rest of my life no matter where I live or move. (As long as I don't change my call or name. ;-)) It works well and the other stations like the idea.

Cameron C.R. Bailey <>< KT3A, QRP-L #7

QRP-ARCI Board of Directors Member

QRP Society of Central Pennsylvania

Mount Wolf, PA

kt3a@juno.com

On Mon, 08 Dec 1997 08:29:57 -0700 Andy Fox <foxes@theriver.com> writes:

>Hello,

>

>Just a quick protocol question about QSL cards. My cards have all the
>information regarding my home QTH. Let's say that I operate from a

>different state and the other operator requests a QSL card because
>they
>need that state for some award or another. The State, County and
>Maidenhead Grid will all be different. First of all, _can_ the other
>operator get credit for working the state that I'm visiting? If so,
>should I make up some cards for that QTH with the correct information,
>or is it acceptable to send a regular QSL card with the extra
>information?
>
>Thanks in advance. I don't have any of my ham literature here at the
>office, and I only seem to think about this question when I'm here...
>
>73
>--
>-----
>Andy Fox, KK7HV
>mailto:foxes@theriver.com
>http://personal.riverusers.com/~foxes/
>-----
>
>

Date: Mon, 8 Dec 1997 12:11:28 -0500
From: Sam Billingsley <sbillingsley@mindspring.com>
To: "Qrp-L (E-mail)" <qrp-l@lehigh.edu>
Subject: [32186] Noise Blanking for QRP+
Message-ID: <01BD03D2.7D925740.sbillingsley@mindspring.com>

I have a local QRN problem that does not want to go away (particularly on 40 meters) using my QRP+. My FT757GXII has a Noise Blanker that works fairly well under the same local conditions. I have been looking at the possibility of adding some IF noise blanking circuitry to the QRP+. There is an IF amp U1 1350? before the SBL-1 Product Detector. Would it make sense to put it there? I have looked at the noise blanker circuit found many of the ARRL Handbooks that shows a little circuit samples some of the IF signal inputted to an IF stage, amplifies the noise spikes and shuts down the IF stage by effectively shorting out (RF wise) the output of the IF stage during the noise spike. The Handbook circuits are operating at lower IF frequencies <= 9MHz. The QRP+ IF is operating at 50MHz would there be any special considerations because of this?

Doug Demaw had an article in a CQ issue (in the last year) that stopped QRN from reaching the receiver by inverting and nulling the noise before it gets to the receiver. Is there a T/R circuitry that I could wrap around this QRN circuit and allow me to operate the QRP+ or any QRP rig in Xcvr

mode?

Are there any effective AF stage circuits available to accomplish noise cancellation? I use a Timewave DSP filter and that helps some but it does not eliminate it completely.

I have considered moving the antennas (a wire and a vertical " I know these are particularly bad for QRN") to a location that is further away from the street and house. I live on a small city lot so I could move them maybe 30-40 ft further from the road, house and power lines.

Any ideas?

Sam Billingsley, AE4GX e-mail: sbillingsley@mindspring.COM
Atlanta, GA 30342
Wire Antennas, Butternut Vert, AEA IsoLoop

Ramsey 1w 40 mtr xmtr/rcvr, Index Labs QRP+, HW7, HW8, HW9
Norcal 38s/5w/Tick
norcal#2210, MI-QRP#1567, qrp-l#1033, ARCI#9356, G-QRP#9660, ARS#269,
NOGA, CQC#454, AK/QRP#308

Date: 08 Dec 1997 12:14:26 -0500
From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
To: qrp-l;;
Subject: [32187] Quadrature flip-flop for R2
Message-ID: <1997Dec08.121426-0500@[130.113.234.7]>

The R2 direct conversion receiver requires two local oscillator signals, same frequency and amplitude, with exactly 90 degree phase shift. A suggestion was made to use two flip-flops to generate these quadrature signals. Broad-band performance is possible this way.

This scheme sounds good, but it's not easy to achieve. Some experiments reveal that quadrature outputs change phase for different frequencies. The cause is different propagation time for rising and falling edges, and different rise and fall times for the square waves. My tests were with ECL logic, which is quite fast. Still, these effects were noticeable.

Uncompensated, phase varied by five degrees over the (output) frequency range of 5 - 40 Mhz. A 0.2 nanosecond delay between the two flip-flops will give this kind of phase variance.

Some careful compensation was required to reduce phase variance to +/- 0.3 degrees over the 5 - 45 Mhz range.

The sine and cosine outputs from a DDS sound good (and wideband too). However, you'd have to use them directly into the two R2 mixers and put up with the spurs.

Date: Mon, 8 Dec 1997 11:24:23 -0600
From: Kevin Muenzler <wb5rue@stic.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, <'grudin@pacific.vdbs.com'> <grudin@pacific.vdbs.com>
Subject: [32188] RE: QSL Card Question
Message-ID: <01BD03CB.D690CC20@muenzlerk.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

On grudin@pacific.vdbs.com, Jeff Grudin[SMTP:grudin@pacific.vdbs.com] wrote:
> Kevin,
>
> I usually try to pick up some postcards from the area I am visiting.
> Then I run them through my computer printer and put the little boxes and
> any info on the back.
>
> Then you have custom QSL cards from your trip.
> --
> 73 de Jeff AC6KW
> grudin@vdbs.com

That works too. It is still a good idea to note somewhere that you are "portable."

I bought a big stamp that has the little boxes and stuff that I use when I have postcard type QSLs. I can't remember where I got it, it's been about 15 years. You can probably get one custom made from an office supply. Just take them a blank QSL and tell them that you want a stamp that will produce the fill in the blanks like the back of your QSL. Now that I think about it I think that's what I did.

Good Luck!

Kevin, WB5RUE

"Linears? We dunt need no steenking linears!"

Date: Mon, 08 Dec 1997 09:30:51 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: qrp-1@Lehigh.EDU
Subject: [32189] NorCal K8FF Paddles, 2nd Run Delivered
Message-ID: <3.0.1.32.19971208093051.00713878@dpol.k12.ca.us>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I delivered 500 sets of NorCal K8FF paddle kits to Jim Cates at the NorCal meeting yesterday. No one was more thrilled to see this delivery made than my wife. Guys, it is not a good idea to do 500 kits when your wife is getting ready for Christmas. She does NOT appreciate the clutter that 500 kits make in her home.

Jim has the boxes addressed for all of the orders that he has received so far, about 350 or so, and will get them packed with the manuals and kits and in the mail by Weds. The guy is amazing. Thank you all for your patience. We sold the first 200 of these kits on Oct. 18th, and were sold out of the other 300 of the first run 10 days later. We took delivery of the last 300 on Nov. 2 and shipped them all by Nov. 5th. At that time we placed another order for the second run of 500 kits. Doug Hauff of San Luis Machine worked an unbelievable amount of hours to deliver the parts to me this past week. He drove to Dos Palos twice from San Luis, a 3.5 hours trip one way, to deliver the parts. They were kitted in 2 days, and delivered to Jim on Sunday.

If you wish to order a kit, we have them in stock now and Jim is ready to ship. But, he is leaving for Scotland on the 18th of December for Christmas, so you might want to send your order in soon to insure that he gets it before he leaves. Please, please remember to send Jim a self-addressed mailing label with your order. I can tell you from experience that it makes him smile when he opens a letter with an order and a mailing label is included.

Jim and I have noticed an interesting thing. This paddle was conceived as one that would be rugged and used in the field. One that you would want to take with you for all of those portable operations, the ones that you hesitated taking your good set of WBL's or Shurr's or gasp!! Mercury paddles to. But, what has happened is that you are putting so much sweat equity into your paddles that you don't want to take them out, you don't want to put a scratch on it, it is a matter of pride to display in your home. What is happening? Guys are coming back and buying a second set. This one they leave stock. Oh, they sand the base a little, spray a coat of paint on it, but they don't polish the brass, they leave them raw, and spend the time tuning them, but not finishing them. Very interesting.

Also, we have seen that the adjustment of the "feel" of the paddles also varies tremendously among the builders. I have felt them light as a feather, and on the other hand, very, very "hard". One guy even had the heads of the screws actually touching the ends of the magnet.

72, Doug, KI6DS

Date: Mon, 08 Dec 1997 10:32:51 -0700
From: Andy Fox <foxes@theriver.com>
To: qrp-l@Lehigh.EDU
Subject: [32190] Re: QSL Card Question
Message-ID: <348C2F43.2E41@theriver.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello again,

This list is great. I started thinking about using my PC/printer combo to print a box for the info, but the rubber stamp sounds like a better idea. I can bring it with me on my trip and get the QSL cards mailed out from my portable location. Then the recipient would have the postmark on the card, too.

Thanks to everyone who responded to my query.

73

--

Andy Fox, KK7HV
mailto:foxes@theriver.com
<http://personal.riverusers.com/~foxes/>

Date: Mon, 08 Dec 1997 17:33:39 +0000
From: Ed Loranger <we6w@qsl.net>
To: Michael Fletcher <kl7ixi@mailcity.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [32191] Re: PIXIE 2 Kits..HSC and email....
Message-ID: <348C2F73.1DA6@qsl.net>

Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I found one Pixie2 in stock on the shelf in the Rohnert Park, CA
HSC. Price was still \$9.99

I don't know and didn't think to ask whether mail orders had a 2
minimum,
and shipping/handling fees. It was asked of me if \$15.00 each and
\$5.00 shipping is HSC's charge. Probably.

I had gone in to survey quantities and didn't actually go to
review prices. I have found them to be very affordable and
take it for granted that the price is lowest available for anything
I get there. Hey, \$1.95 for a rechargeable 9 volt battery! True
9Volts too! Not 7.2....

Regarding the recent performance of HSC responding timely to
email enquiries. I spoke with the manager and he said they
try to respond to all emails. He said they are tied in to all
of the HSC offices and depending on stock, the answer comes from
the shop having the deliverables.

He said that it is possible an email is printed out, handed to one
of the counter workers for review. Maybe, he said, they didn't have
the part, or were unable to answer the query. It is possible they
assumed one of the other shops would try to respond...

So, He thanked me for sharing the email question and said he will
tell the appropriate executive officer so they can improve their
relationship with us. (I mentioned QRP-1).

I did purchase some 5 or 6 inch diameter toroids. Haven't measured
them but could be ferrite or powdered.. Choke or Signal balun, I will
measure. \$0.95 each, I'll find a use either way. Also they have
extension tubes for connecting to variable caps deep within enclosures.
Tube was \$1.70. This and some other Antenna tuner project parts
are going to the guy sending me the bug.

P.S. In the past my daughter would hear the code and say the letter
'F'. DiDiDaDit. Saturday after the WSN-40 net she blurted "Dad-iT!"
She hasn't called me daddy since. It is 'Dad-it' now... :)

72 all; Ed.

-

Gang, I went in to HSC on Sunday and spoke with the manager about

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8,0HR-100, Pixie2, Johnson Viking II, Drake TR-3
QRP-L#1068,ARCI#9397,Norcal#2227,ARS#275,AR#112 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Mon, 8 Dec 97 12:34:04 EST
From: Martin E Hartwell x2091 <mhartwell@lucent.com>
To: qrp-l@Lehigh.EDU
Subject: [32192] SGC2020
Message-ID: <199712081733.MAA15634@emsr2.emsr.lucent.com>

Hello Ya..all

I was reading some past digests, I have been out of the country several weeks, and saw a reference to the SGC2020 having general coverage cababilities. I just want to say that this weekend the Columbus QRP club had a meeting at Universal here and I saw a flier for this rig. It does have coverage from 1.5khz to 30mhz but no AM. So yes you can hear those BC stations but not too well.

I have been thinking about the SGC2020 but also saw the flier on the Alinco DX70T, and wonder if anyone has used that as a qrp rig and what they think. If someone is/has using/used one maybe they could send me some email direct. I am sure this has been discussed here and I missed it while out of the country at some time or other. Just a few lines as to good/ good.for.nothing.rig or whatever, it looks like the price isn't that far removed from the asking price of the SGC2020.

Marty
kd8bj

--

Martin (Marty) Hartwell Phone: (614)860-2091
Email mhartwell@lucent.com

Its what you learn after you know it all that counts.

Date: Mon, 8 Dec 1997 09:52:39 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <walexander@wwn.net>
Cc: "QRP-L list server" <qrp-l@lehigh.edu>
Subject: [32193] Re: Norcal Paddles?
Message-ID: <199712081820.MAA11590@multi13.netcomi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Imminently. I spoke with Doug Hendricks at the NorCal meeting yesterday. He had just spent his Saturday finishing 750 pounds of paddle kits and had them all in the back of his poor Ford to be delivered to Jim Cates, who will address them and bring them to the Post Office shipping dock. I believe that this is the third run of the kits already.

I sure hope people understand how the NorCal kits are done. NorCal is not a commercial venture. Nobody gets paid for their time, their genius, their sweat, or anything else they contribute to producing these kits, (except perhaps the suppliers of the parts, but even there Doug manages to negotiate some pretty low prices). The work is strictly volunteer, and we all benefit from the time that Jim, Doug, Doug, and all the others give us in between job and family commitments. If these folks were paid a living wage for the time they contributed to the project, the NorCal paddles would cost over \$100.00 each. Thanks guys.

I managed (barely, despite walking briskly, I was near the end of the line) to get one of the first lot of 200 kits. I had a fun and sometimes 'educational' time putting it together. I am still cleaning off remnants of the 'Texas Chain Saw Massacre'. :-) I brought the paddle to show off at yesterday's NorCal meeting. The compliments were quite a boost to the ego. Some skeptics didn't believe me when I told them that the blue base was hand painted with spray cans, NOT powder coated. I even received a nice complement on the sparkle effect on the brass. Remember all the scratches that I couldn't quite get rid of?

They work, too. The last two foxes were seduced out of hiding by the call of the NorCal paddles.

El Nino couldn't dampen the spirits at the NorCal meeting. In spite of the driving rain, lots of people showed up at the Livermore swap meet, too. Vern Wright brought a Pixie II that he had built with stunning craftsmanship. It's amazing how much energy and inventiveness we have in the QRP world.

Mike K1MG

> From: Wayne Alexander <walexander@wwn.net>
> I was just wondering about the shipment of paddles? I sent my check on...

Date: Mon, 08 Dec 1997 12:51:19 -0800
From: Fran Flynn <fflynn@together.net>
To: qrp-l@lehigh.edu
Subject: [32194] audio amp in circad
Message-ID: <348C5DC7.2C7F@together.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

As a result of popular demand (!), the infamous
2n2222 audio amp is now posted on my web
site in circad format. just click on the
link under "Amateur radio", and do a "save as"
from your browser.

I've been asked for specs for gain and all
kinds of measurements and so on.

The answer is that this is something I threw
together on my bench during a lunch hour.

About all I know is that I fed some signal
into it at about -6dbm and I got a fair
bit of sound out of a dinky little speaker.

It may require a stage before it to get enough
output for your needs. You'll all just have
to play with it a little. Good luck.

Hey, that circad is really cool! Too bad
I didn't try it before, so thanks to the
qrp-l member who suggested it. I'll do
all my schematics that way from now on.

72 es 73

Date: Mon, 8 Dec 1997 22:49:08 -0700

From: gsurrency@juno.com (Gary Surrency)
To: jmg@tntech.edu
Cc: qrp-l@Lehigh.EDU
Subject: [32195] Re: HW9-S&S programmable counter
Message-ID: <19971208.224909.3446.3.gsurrency@juno.com>

Jeff,

TP101 is the Premixer output to the SBL-1 dbm. It is a pretty high level, and should give readings of 0.2 - 0.3 volts DC on all bands using the Heath provided RF detector and a 20k / volt VOM. If you are having low levels of RF here, there may be a problem. Low Premixer output can be a result of low HFO oscillator output, a faulty MOSFET at Q107, or a poor performing VFO / VFO filter. See the HW-9 mods in the ARRL's QRP Power for a good solution to poor VFO filter response. I put a 2N3906 in my HW-9 at Q106, the VFO output buffer, since many of Heath's 417-201 trannys have been poor performers. Much mo' better! ;-)

I use the freq. counter function of my MFJ-259 SWR Analyzer. It certainly does **not** have high sensitivity or high input impedance. A .001uf coupling cap provides adequate signal for most readings and does not noticeably load the Premixer output or cause excessive loading. Q101, a 2N5770, is biased at a pretty high level of about 30ma and gets very warm in my rig. If this is not the case in your HW-9, you should investigate. The SBL-1 is happiest with a good level of RF drive.

Don't forget to check the BFO injection to the SBL-1 also, as it is equally important to achieve decent transmitter output. I have found the BFO drive level was poor in my rig and some other HW-9 owners I have corresponded with. Those darn Heath 417-801 MPSA20 transistors vary widely with hfe and Ft. Ideally, the Premixer and BFO injection to the SBL-1 should be similar in level and at least +7dbm or about 500mv across 50 ohms.

Many problems in Heath gear I own have been attributed to poor quality semiconductors and / or mis-tuned bandpass filters. That's the first place to look, IMHO.

72,

AB7MY

Gary Surrency
Chandler, AZ (Near Phoenix), QRP-L #571, AZ ScQRPions, ARRL VE

Date: Mon, 08 Dec 1997 09:58:42 -0800

From: "Gene A. Williamson" <genewill@ordata.com>
To: qrp-l@Lehigh.EDU
Subject: [32196] Verticals, radials, and salt water
Message-ID: <3.0.32.19971208095805.006f274c@ordata.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I've just returned from Little Cayman Island (ZF8), am catching up on QRP-L digests, and just can't keep my mouth shut on the now-ancient discussion of verticals and their radials:

Our team of five put up a half dozen antennas, including a "radial-less" R5 lashed to a six-foot boat oar and phased pairs of verticals -- the 40m pair, stuck in the sand, had a single elevated radial per linear-loaded radiator, while the 20m array -- lashed to the railings of a flat roof, raised 15ft above the sand -- had two radials per quarter-wave stick (Mark, N7MQ built these very elegant little radiators, in Force 12 fashion, by riveting together three-foot sections of telescoping aluminum tubing).

The "best" antenna of all, however, was a Butternut HF6V, mounted with the world's largest radiator clamps to the end of a dock, roughly sixty feet out into the bay, and grounded with six 14ga, stranded, insulated radials (two each at 30ft, 40ft, and 50ft long). Radial lengths were scientifically calculated by rounding up 100ft, 80ft, and 60ft lengths of wire, then cutting each into two equal pieces. Radial ends were stripped of about six inches of insulation, then tied to chunks of coral and thrown a distance out into the salt water.

The no-radials-by-design R5 worked lots of people. The verticals with a single radial worked lots of people. The verticals with a pair of radials worked lots of people (including when we used one by itself after a short developed in the phasing cable). But the people we worked with the salt-water ground-plane HF6V -- worldwide, mind you, not just next door -- pretty much agreed, "I can't believe how LOUD you are!" (No, we weren't QRP; but 100-to-400watts from the final has been known to become several watts reduced by the time it reaches the end of 230ft of Mini-8X.)

Oh, yeah, one other thing: the SWR on the HF6V (or any of our antennas, for that matter) never did get down to the Holy Grail of 1:1 -- no time, no where, no way. In the words of The Old Timer (perhaps Don Mix, W1TS, who worked the world using about eight feet of wire inside his basement): "When I want a 1:1 SWR, by gum, I'll buy myself a dummy load!"

If you load it, they will come.

P.S. I trust you all will take as a compliment -- because it is -- the fact that QRP-1 is one of a very few reflectors I did NOT cancel before I left for 12 days. Too much good stuff here. Thank you!

Date: Mon, 8 Dec 1997 14:15:54 -0500 (EST)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-1@lehigh.edu>
Subject: [32197] MMN Question
Message-ID: <Pine.LNX.3.93.971208135618.641E-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I was working on "the list" again, and just wondered who had the shortest exchange to send to the fox. If I send just the required info, 55N MD CHRIS 655, with dits=1 and dahs=3 then my "send count" is 64, OJ's exchange 55N TX OJ 732 seems shorter, but has a "send count" of 73 (appropriate?) O's and J's take time. Is anyones count under 60?

If you are, send me the exchange and your "send count" you may end up as a MMN statistic. No fair if you bug guys have the weighting set to 1.5:1 :)

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE QRP WAS 27/10(w/c) | http://dns.vidtel.com/~ccart --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? NJ-QRP #105 LIQRP #???? --

Date: Mon, 08 Dec 1997 18:13:05 +0000
From: Ed Loranger <we6w@qsl.net>
To: k6ls@prolynx.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [32198] Re: UN-postpone QRP-L????
Message-ID: <348C38B1.A1B@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have the common information in my address book under the Admin email

address. Just type it into the Description box. Then later, when you need to contact the QRP-l admin server to change you status, just click on the address book entry, got to file, properties and view the quick reference. Note: I also have the command summary in my QRP_Mailers folder and remind myself of this too!

Send email to:
listserv@Lehigh.EDU

SET QRP-L MAIL POSTPONE
SET QRP-L MAIL DIGEST
>>SET QRP-L MAIL ACK
cmd summary:QRP_Mailers folder.

Use the ACK command in the BODY of your message.

Best 72!
-Ed

--
72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8,0HR-100, Pixie2, Johnson Viking II, Drake TR-3
QRP-L#1068,ARCI#9397,Norcal#2227,ARS#275,AR#112 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Mon, 8 Dec 1997 11:23:07 -0700 (MST)
From: Jack Meadows <jackmead@getnet.com>
To: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [32199] Re: Ant wire & Soldering to Aluminum
Message-ID: <Pine.BSI.3.96.971208111652.14004A-1000000@gn2.getnet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Soldering to aluminum!? How can I do that? I missed the threads here on soldering to aluminum. I have some coils made of #8 aluminum and connect them with a contact joint (crimp). Soldering would be better if I could do that. Best regards, Jack W7QQQ

On Sun, 7 Dec 1997, Bob Tellefsen-CNSE97 wrote:

>
> A new concern for you will be how to connect to the aluminum through the layer
> of oxide. Been several threads run here on soldering to aluminum.
>
> Best and simplest solution I've seen offered was scrape the end of the aluminum
> wire clean and immediately coat with oil, whatever you have. Intent is to block
> oxygen away from the bare aluminum so oxide can't form again. Then the heat of
> soldering will burn the oil away, but the solder will stick to the clean
> aluminum. Perhaps you should experiment before going to all the work of
> replacing the steel wire with aluminum, but I believe it would be worth while.
>
> 72, Bob N6WG
>
>

Date: Mon, 8 Dec 97 08:32:09 HST
From: mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
To: qrp-1@lehigh.edu
Subject: [32200] QRP+ jack replacement
Message-ID: <9712081832.AA06394@krypton.nmr.Hawaii.Edu>

Thanks for all the great help on sorting out the microphone problem on my friends QRP+.

Unfortunately part of the problem was a worn out jack on the back of the unit. It is a PC board mount and he finally had to scavage the identical paddles jack and move it over to completely solve the problem. Now he would like to replace the paddles jack.

He reports three identical PC jacks on the back, 3.5 mm stereo type jacks, but with a PC footprint that has four pins on the front in a line and one pin on the back. He has found a jack, but it has a different footprint.

Usual problems with trying to contact anyone who ever was associated with the company. Trying to contact the company that makes the 2020 gets a report that they no longer have any association with the person who designed the QRP+ and have no contact information.

That leaves the jack. Any information on where one might find an identical replacement would be valuable. My friend is into restoring radios and values being able to make things "good as new" without having to cut

and past something to fit if at all possible.

Thanks in advance, please Email directly:

mike@hawaii.edu

Mike Burger University of Hawaii at Manoa Department of Chemistry
AH7R - QRP-L #1053 - FISTS - BL11ch - Honolulu County

Date: Mon, 8 Dec 97 08:37:05 HST
From: mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
To: qrp-l@lehigh.edu
Subject: [32201] tailending contests
Message-ID: <9712081837.AA06408@krypton.nmr.Hawaii.Edu>

If you would just like some fun and a chance to test out your favorite QRP rig, tailending contests works very well. By late in the contest, many stations are searching harder, looking for a call that is not a dup, and pileups are thinner or non-existent. Any faintly heard call that appears to be a new one will get dug out and pounced on. The last two hours on Sunday can be great fun, you won't win anything just working the last two hours, but it is fun scoring a page of contacts on 10 meters in 30 minutes instead of 30 days.

Mike Burger University of Hawaii at Manoa Department of Chemistry
AH7R - QRP-L #1053 - FISTS - BL11ch - Honolulu County

Everything is DX from here.

Date: Mon, 08 Dec 1997 18:31:48 -0800
From: "Harvey D. D. Hetland" <n6mm@earthlink.net>
To: QRP-L@Lehigh.EDU
Subject: [32202] Re: PIXIE 2 Kits..HSC and email....
Message-ID: <348CAD94.5AC3@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ed Loranger <we6w@qsl.net> wrote, "I found one Pixie2 in stock on the shelf in the Rohnert Park, CA HSC. Price was still \$9.99. I don't know

and didn't think to ask whether mail orders had a 2 minimum, and shipping/handling fees. It was asked of me if \$15.00 each and \$5.00 shipping is HSC's charge. Probably."

I pulled my paperwork on my telephone order with HSC for two Pixie 2 kits and two 7.040 MHz crystals. The order was placed on Oct. 31, 1997 and shipped on Dec. 3, 1997. I was told that the kit was out of stock when I ordered, and I consider the backorder service reasonable. The cost was \$9.95 each for the kit and \$2.95 each for the crystals plus \$2.13 California sales tax for a total of \$31.56 for two kits and crystal. The shipping cost was not itemized, but it appears to have been \$3.63.

Their toll free telephone number is 1-800-4-HALTED or (1-800-442-5833). I do not know their minimum order. When I asked if I was over the minimum I was told I had made the minimum with an order of two units. I just telephone them and they say \$10.00 (with a \$2.00 service charge) is their minimum order and for over \$20.00 there is no added service charge. As has been noted previously one should avoid using charge card numbers on the Internet, and they DO have a toll-free number. Other info: phone: (408) 732-1573, fax: (408) 732-6428, email: hscmail@halted.com and web page at <http://www.halted.com/> The normal financial disclaimer applies.

73, Harvey, N6MM.

Date: Mon, 08 Dec 1997 12:00:39 -0700
From: Doug <doug@sunrise.alpinet.net>
To: mhartwell@lucent.com, qrp-1@lehigh.edu
Subject: [32203] Re: SGC2020
Message-ID: <348C43D6.6894A280@alpinet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Marty...my experince with Alinco rigs from a tech's point of view hasnt been a pleasent one. They are cheaply built, short on operating features and some are spectrally dirty. I sure as heck cant say I'd endorse the SGC either, but I do believe it's coming from good stock... given their previous efforts in the commercial market. I'm a little miffed at the attitude I've seen showing from SGC in the past, but I'm willing to be wrong here also.....it seems to be improving. Who knows, it might turn out to be a dandy rig...lets hope!

Between the two...'think I'd go with the SGC.

Caveat Emptor!!!

73

Doug, K7YD

Martin E Hartwell x2091 wrote:

> Hello Ya..all
>
> I was reading some past digests, I have been out of the country
> several weeks, and saw a reference to the SGC2020 having general coverage
> capabilities. I just want to say that this weekend the Columbus QRP
> club had a meeting at Universal here and I saw a flier for this rig. It
> does have coverage from 1.5khz to 30mhz but no AM. So yes you can hear
> those BC stations but not too well.
>
> I have been thinking about the SGC2020 but also saw the flier
> on the Alinco DX70T, and wonder if anyone has used that as a qrp rig
> and what they think. If someone is/has using/used one maybe they could
> send me some email direct. I am sure this has been discussed here and I
> missed it while out of the country at some time or other. Just a few lines
> as to good/ good.for.nothing.rig or whatever, it looks like the price
> isn't that far removed from the asking price of the SGC2020.
>
> Marty
> kd8bj
>
> --
>
> Martin (Marty) Hartwell Phone: (614)860-2091
> Email mhartwell@lucent.com
>
> Its what you learn after you know it all that counts.

Date: Mon, 08 Dec 1997 14:13:51 -0500
From: Ed Tanton <n4xy@bellsouth.net>
To: doug@sunrise.alpinet.net
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [32204] Re: SGC2020
Message-ID: <3.0.1.32.19971208141351.00be3eb0@mail.atl.bellsouth.net>

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Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
```

The way I figure it, all it has to do is BE as good as it LOOKS and as good as it is SPEC'D... I don't care for their attitude very much either... but I can handle them-if it becomes necessary. It REALLY looks like it's going to be a great rig. That's why my order has been in for several weeks now.

73

Ed Tanton N4XY EMAIL: n4xy@bellsouth.net
189 Pioneer Trail
Marietta, GA 30068-3466 TEL: (770)579-3933 V/MBX/FAX

INTERESTS:	QRP	BoatAnchors	Test Equipment	Photography
CW: 99.9%		Mercury Paddle # 0214		QRP to 150W: 95%

"Think you can, think you can't: either way you're right!" Henry Ford

Date: Mon, 08 Dec 1997 11:21:15 -0800
From: W7LS <w7ls@blarg.net>
To: mgipe@reliablemeters.com
Cc: qrp-l@lehigh.edu
Subject: [32205] Re: Antenna Wire: Copper or ?
Message-ID: <348C48AB.C8B@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

HI, Mike, et al.

And, might I also add to the discussion, in that the rf resistance will be higher because the rf currents flow on the outer skin of the conductor (skin effect), and thereby occupy a smaller area of the conductor. Hence; higher resistance.

As such, one would reason that a larger diameter conductor would have more skin and thereby, less resistance. Aha! I heard that! You just reasoned that a tubular antenna wire would be just as efficient, didn't you? Well, that's correct. You let me know when you find some #14 tubular copper wire, eh? :-)

73 de Jim, W7LS

Michael A. Gipe wrote:

>

> Steve --
>
> The DC measurements have a lot to do with RF. The loss resistance at RF
> can only be higher (worse) than the DC resistance.
>
> Think of an antenna as a combination of two resistors. One resistor is the
> usual kind which converts your electrical energy to heat. The other is the
> effect of the electrical energy taking wing from your antenna and going off
> in the electromagnetic fields. Like a regular resistor, your antenna
> converts the energy you put into it into another form and removes it from
> your circuit. This part is called radiation resistance. When we say that
> a resonant dipole in free space has an impedance of 72 ohms, that means
> that the antenna converts RF electrical energy into electromagnetic energy
> such that it appears the same as a 72 ohm resistor.
>
> With two resistors in the circuit, the power you feed into the circuit is
> converted by both resistors in proportion to their resistance. The higher
> the radiation resistance compared to the regular resistance, the more power
> gets converted to radio waves and the less power gets converted to heat.
>
> The DC resistance measurements you took are reasonably close to the regular
> (heat producing) resistances that the RF will see. The RF will actually
> see a slightly higher resistance.
>
> The efficiency of your antenna can be roughly calculated by comparing the
> radiation
> resistance to the electrical (normal) resistance. For example, if the
> radiation resistance of your big loop was 90 ohms and the electrical
> resistance was 900 ohms, the efficiency would be 10% -- which is pretty bad
> because 90% of your QRP power went straight to global warming instead of
> communication.
>
> In other words, replace the steel wire with copper or aluminum.
>
> Mike K1MG
>
> -----
> > From: Steve Galchutt <n0tu@webaccess.net>
> > ...The reason I ask is... I just finished putting up a 1000' horizontal
> loop
> > @ 25-40' using #20 steel wire (maybe a mistake using steel?)... I
> measured the big loop's
> > resistance with a DVM and it's high!...almost 900 ohms!...

Date: Mon, 08 Dec 1997 14:24:01 -0800

From: astone@erols.com
To: qrp-1@lehigh.edu
Subject: [32206] Need Article from QEX - March 95
Message-ID: <348C7381.6E88@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi -- If someone happens to have this issue of QEX, I would appreciate receiving a copy of: "Birth of a 7 MHz Transceiver" by Zack Lau. Will send SASE + cost. Thanks.

72,

Ron (KA3J)
Bethesda, MD

Date: Mon, 08 Dec 1997 19:38:02 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [32207] Re: ARCI Sprint score
Message-ID: <348C4C9A.F9F@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Probably one of my better contest results... Full log under cover of darkness, will be sent to Cam later.

Station:
WE6W, Ed Loranger ARCI #9397
Single Band (40); Single operator.
Four Hours Operating
Rig: OHR-100, 4 Watts. (HB) I built it! I built them all.
K8FF Paddles (HB)
IC555 keyer (HB)
Dipole (HB)
Operating Table (HB; yeah, built it too!)
Ok, that's enough, Ed.. :^)

Member Q's: 18
Non-memQ's: 12
uniq. SPCs: 6 (Ouch!)
Multiplier: x7

HB Bonus : 5000

MATH:

$(18 \times 5) + (12 \times 2) = 114$; $114 \times 6(\text{spcs}) = 684$ Qso Pts.

$684 \times 7(<5W) = 4788$

BONUS xcvr +5000

Total Score=9788

OK! Had a blast. Glad to hear the usual suspects. BUT!
KD7S really stole the show with his 40 milliwatt signal and
his homebrew rig. Man, Nice clean NO_CHIRP with less 1/2 watt.
(Heard his tests with Stan, Ny6g.)
And don't forget to share the antenna design with us too, Bill!

I'm getting better at the manual logging. Even sent
return information to a contact WHILE writing
his info into the log! I like keying with the
left hand and writing with my right. Glad I
learned keying that way.

Luvn' it!

72/-Ed L., we6w

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)

HW-8,0HR-100, Pixie2, Johnson Viking II, Drake TR-3

QRP-L#1068,ARCI#9397,Norcal#2227,ARS#275,AR#112 grid CM88ok

mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Mon, 08 Dec 1997 14:44:11 -0500

From: Nick Franco <kf2ph@bnl.gov>

To: qrp-l@lehigh.edu

Subject: [32208] Altoids Funny :-)

Message-ID: <348C4E0A.65D5647A@bnl.gov>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hello gang,

Long time no post. With this digest mode thing, I really feel out of
the group most of the time.

One of my sons, Brian - N2ZCJ, went on a date Friday night. The girl
offered him an Altoids mint :-)

He saw the tin and said, "Hey,

Altoids!" to which the girl responded, "Oh, do you like them." That's when he realized that he never tasted them before :-). So he just said that he had just seen the tins before, but had never really tasted them. When he got home and told me the story, he said he would have felt like a jerk to tell the girl that we have several tins with radios, keyers, parts, etc. in them but he never knew what actually came inside them originally.

PS: He did say they were good mints. I don't know. I've never tasted one either :-)

Happy Holidays es 72,
Nick - kf2ph
QRP-L # 13

ObQRP: Finally bit the bullet and finished my 38S over the weekend. It was just sitting there outside any case for almost 6 months. I have it all working fine with the 5 w mod and the TiCK keyer built in. I left out the RIT since there was quite a bit of mention of chirp with it installed. I really would like to add that. If things have changed over the months and you can add RIT without chirp, could someone let me know? please. I worked several people in the last couple of nights with it and aside from the key clicks, it a great little rig. I'm getting the full 5 watts out and about 26 kHz spread on the VXO. The signal on both sides is not really a problem and I didn't realize if my "correct" side changes from one side to the other as go up in freq. I'm pretty sure it always on the logical side and the opposite side has less audio so it's easy to tell anyway. I'm ready for another mobile TMPS :-). I think I'll give this little guy a couple of months in the car and give my NW-40 a rest from the cold.

I worked W5JAY - Jay from our list here as my first CQ call on the newly finished kit. It wasn't in a case or anything yet. I was a double pleasure, not only to work someone on the first attempt, but it was a fellow QRP-Ler and he was running 1w at the time from Arkansas to LI, NY. I have noticed the note of the other station is a little high in pitch so the TX offset must be a little too much. I may have to try to bring that down a little especially if I don't have the RIT in place.

--

Nicholas J. Franco <>> BROOKHAVEN NATIONAL LABORATORY
Systems Administrator RHIC Project Building 1005
Tel: (516) 344-5467 UPTON, NY 11973-5000
Fax: (516) 344-3674 Ham Call: KF2PH

Email: nickf@bnl.gov <http://www.rhichome.bnl.gov/People/franco>

Date: Mon, 8 Dec 1997 13:37:33 -0600
From: "Claton Cadmus" <aplitech@Spacestar.Net>
To: <foxes@theriver.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [32209] Re: QSL Card Question
Message-ID: <005001bd0413\$011cdb40\$aac0bfce@aplitech>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

How's this for an idea? Buy a box of "postcard" size laser labels, print some up with the backside info on your printer to take along for the trip. This way you can customize the info for the location and simply stick them on the back of the postcards you buy to make QSL cards and still mail them from the "dxpedition" location. No rubber stamp to carry along and if you need to change it for the next trip, no problem.

Hope this Helps.

73 de KA0GKC Claton Cadmus
E-mail cla@spacestar.net
If you live in Minnesota check out this webpage!
<http://www.qsl.net/mnqrp>

Date: Mon, 08 Dec 1997 20:52:36 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [32210] UPDATE: K8FF Paddle NOTE. Great News!
Message-ID: <348C5E14.176@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Friends, after disassembling my K8FF/Norcal paddle kit this weekend, I found something.

Jeweler's rouge hiding in the threads of the small allen

screw at the paddle arm end. After cleaning by threading a Cotton-swab into and out of it, the paddles operated flawlessly.

So, although there may be only one path to ground thru each paddle arm, it should be sufficient.

I had installed a temporary 'Good Ground' between the center post and the DAH arm. But I found it still sending erratically, although less than before. I assumed the bypass wire wasn't good enough.

Then I found my brain. Duh! I probably wiggled that little screw, temporarily improving the connection. That's where the problem is.

NOTE: Next time use better lighting when rouging. (XYL Tip.)

I personally questioned my post regarding possible weak link due to the slightly smaller bearing installed in the Dah side. Seems almost impossible NOT to have a connection somewhere along the inside. So I decided that I probably had moved something, making the paddles work better.

So. We have liftoff. The worlds greatest paddles continue to operate flawlessly at my QTH.

72 es Tks agn Norcal.

-Ed , we6w

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8,0HR-100, Pixie2, Johnson Viking II, Drake TR-3
QRP-L#1068,ARCI#9397,Norcal#2227,ARS#275,AR#112 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Mon, 08 Dec 1997 15:48:59 EST
From: sigcom@juno.com (Stephen M Smith)
To: qrp-l@lehigh.edu
Subject: [32211] HB: Dan's "Dime Bag" (long)
Message-ID: <19971208.124941.8327.0.sigcom@juno.com>

Group,

Lot's of stuff going on here. Got my first ever order from Dan (Dan's

Small Parts and Kits) on Saturday, via USPS. Very pleased. Among parts ordered for the 2N2222 project, I bought the 5 lb. grab bag of parts for 10 bucks. IMO, well worth the \$ for the scratch-builder. If you've ever wondered what 's in one of these things, here's a sample of what I got in my bag:

Crystal oscillator modules: 10.0, 12.0, 24.0 and 50.0 mHz (2 ea. of the 12 mHz).

3 crystals: 5.89825, 14.2 and 20.0 mHz

3- lead, 1 amp regulators, 5 V and 18 V, a couple of each.

About 100 .22 uf mono, axial capcitors (a life time supply for me).

Over 100 various poly, mono, mylar and "Orange Drop" caps.

50 to 100 disk ceramic caps.

About a dozen 1N4007, 1 KPIV, 1 amp diode.

Various other power diodes, Schotky barriers, etc.

Tantalum caps., not yet sorted.

Lots of small signal diodes (1N914s, etc.).

1/2 dozen trim pots, various configs.

A 10 turn Helipot, 100 Ohm (the large size).

Various sliver mica caps., maybe 10 or so.

A dozen of so reed relays, 10 alike (2 section, N.O./N.C, voltage TBD)

1/2 dozen plastic 2N2222s.

A dozen other transistors, kike: 2N2907A, 3094, TIS180 and a FET.

Lots of zener diodes, not yet sorted.

1/4 Watt resistors, probably 75 to 100, not yet sorted.

All kinds of goofy little networks that I have yet to identify.

Over 1 dozen I.F. cans, Toko and Cambion, 10 of them alike (Tokos).

Many electrolytic caps., from large to tiny surface mount.

A strip of surface mount chip caps. Value unknown (Gotta order that LC-III!).

A T25-6 core.

Lots of other cores and beads, although probably -not- HF types.

Various molded chokes, not yet sorted.

1/2 dozen or so LEDs.

A 10-segment, HP LED bar display.

A lifetime supply of rack screws.

More stuff not yet identified or sorted.

IMO, this is a great way to start a junk box, or to add to one :-). I could probably build an entire Pixie II using only this bag as my supply source (Except for the crystal. No 3.579, Oh, well). In fact, I think I'll try to do just that.

A couple of other notes: I bought a couple different panel meters from Dan. The 200 ua. edgewise 'S' meter is a nice, little unit. The 1 ma. square meter is OK; a nice 2" square face, however the scale has a red face with yellow lettering, ugly IMO. Was apparently built for use in a metal detector. Has a 0-100 linear scale labelled "Intensity". It's

intense, alright. No problem, I bought it for "stock" anyway. I'm satisfied.

Usual disclaimer applies, your mileage may vary, caveat emptor, blah, blah, blah.

Happy Holidays and 73.....Steve, WB6TNL

Date: Mon, 08 Dec 1997 14:20:13 -0700
From: Gary Hembree <Gary.Hembree@asu.edu>
To: qrp-l@Lehigh.EDU
Subject: [32212] N7IR QRP 160 Meter Contest
Message-ID: <348C648D.4640@ASU.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It was a fun contest from Arizona. I did better than I ever have in this one by a factor of three; didn't beat K0FRP's score though. Final score was also a bit short of the Southwest Division record (27,040). Wait 'til next year!

N7IR QRP SO: 23,430; 210 Q's, 53 sections and 2 countries (XE and P40)

Worked a new continent (SA) towards 6 band QRP WAC! Only Europe, Africa and Asia left to work on 160 meters. That ought to keep me busy for the rest of my life!

Antenna: 88' top-loaded, shunt-fed tower (resonant at 1670 kHz) with just two quarter wave insulated radials on the ground.
Rig: TenTec 546C at 5 watts output.

73
Gary, N7IR
qrp-l 1330

Date: Mon, 8 Dec 1997 13:16:16 -0800 (PST)
From: Stanley Wilson <microres@crl.com>
To: qrp-l@Lehigh.EDU
Subject: [32213] RSPICE and Windows 95
Message-ID: <Pine.SUN.3.91.971208131010.23225A-100000@crl2.crl.com>
Mime-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

When it comes to Windows 95 I really prefer being an appliance operator.

RSPICE DEMO.... I still have not found out how to make the batch file run slower. However, I did get the graphics cleaned up.

INSTALL.BAT thinks that "ANSI.SYS is located in C:\DOS\

Well it isn't on windows 95 plus version.

ANSI.SYS is located in C:\windows\command\

Need to fix the config.sys file to show DEVICE=C:\windows\command\ansi.sys

that will get rid of all the numbers and tab arrows when you run the pgm and batch files.

I am still looking for the time control for batch display. Anyone know where to look.

de stan ak0b

Date: Mon, 08 Dec 1997 16:27:08 -0500
From: Ken Freedman <n1qqv@cshore.com>
To: doug@sunrise.alpinet.net
Cc: qrp-1@Lehigh.EDU
Subject: [32214] Re: SGC2020
Message-ID: <3.0.32.19971208162608.007ae1f0@cshore.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 12:00 PM 12/8/97 -0700, you wrote:

>Marty...my experince with Alinco rigs from a tech's point of view
>hasnt been a pleasent one.

Hi Gang,

I have to second this one. The DX 70 had parts so small that a magnifier was essential, and I and didn't have test probes tiny enough to

let me test some of it. Alinco service costs \$120 an hour for that rig. I paid it. And sold the radio when it came back. Some of the digital controls are too coarse for QRP work. For instance, the RF sensitivity control works in "steps". All the guys I know who use this rig as a QRO mobile have been happy campers. Your mileage may differ....

73, Ken

Ken Freedman

AKA: N1QQV/QRP VE, EC Madison CT, QRP-L

Living Proof That, "You don't have to be a blonde to be light headed!"

Date: 8 Dec 1997 15:35:23 -0500
From: "rohre" <rohre@arlut.utexas.edu>
To: qrp-l@Lehigh.EDU
Subject: [32215] Old Signal generator query answr.
Message-ID: <n1330527090.90428@msmailgw1.arlut.utexas.edu>

As John's question may reappear down the road when someone else finds an old Heath, or Eico, or RCA or other signal generator; I thought I would give the generic answer.

The two coaxial connectors he describes will instantly be recognized from the school of old AM transmitters, as the old "standard," approx. 3/8 inch (I believe) microphone jack made by Amphenol, Cinch and perhaps others. The outer shell projects from the panel with threads, and the center conductor is a solder ball, from the junction with the internal shielded wire center conductor used to connect the internal circuit to the jack. The mating plugs for these turn up at ham fests still. They are a screw on mike connector.

The generator was the common type intended for the Radio -TV trade alignment of AM radios, and on harmonics it could be used well up into the VHF range. There it could signal trace or produce an alignment signal in FM or TV circuits. You could modulate the RF to make its harmonics easier to find, and turn off the modulation to make a more precise peaking adjustment in the receiver you were aligning in many of these generators.

The switch on the front that switches from external Audio Frequency modulation that you input to the dual jack marked AF in/out, also switches in its other position to give an internal fixed AF modulation output waveform from the generator AF jack independent of the RF dial setting. On some this was 400 Hz, on others it might be 1000 Hz. Other test equipment allowed either to be selected, for most audio signal tracing could be done this way. The output

impedance of this Audio output was probably not very low, maybe a few thousand ohms. It certainly was not low enough to deliver sufficient power to a speaker, but if you put a universal 5000 ohm to 3.5 ohm or 4 ohm voice coil transformer on it, you might get a louder speaker signal on the 4 ohm side. It makes a way to test speakers at least for a go /no go test. Internal to tube audio circuits, its higher impedance was sufficient for audio injection duties.

For use in modern low impedance circuits, you might have to employ the audio matching transformer to low impedance, to avoid unfavorable loading on the AF generator section.

The other jack was, of course, linked to the RF oscillator and its output stages. Again, this was not all that low an impedance, for this was for testing either older AM radios, or 300 ohm TV and FM inputs. In the "old " days, it was common to use a "dummy antenna" which was a matching pad to buffer the signal generator from being loaded by the receiver input circuit, in lieu of building in more expensive low impedance RF drivers in the generator. However, it can be used as a signal source to tune up stages that are not so low in input impedance that they are loading down the generator. You could make a simple RF probe with a germanium diode followed by a DC meter, and see if you load the generator with the following circuit. Use a high impedance DMM as your DC meter.

The frequency accuracy, linearity, and distortion may not be all the best for these older pieces of test equipment. But, with some careful restoration, they might make a useful addition to your ham shack test equipment. Typically, they need some warm up to stabilize, as they are often just LC oscillators on the RF side. There are probably trimmer caps to adjust the bandspread linearity of the RF bands on the unit. The highest band, if shown on the dial at all, may be just the harmonics of the last bandswitched band.

There were some early solid state copies of the tube type generators of this concept, and they make attractive small signal sources around the shack, often with a rather nice vernier drive on the tuning cap. Eico made one of these which I am trying to restore. It does not oscillate on some bands. Those that remember Eico equipment may remember it did not have as good a reputation as Heath for working correctly. In other words, it could be tempermental. And I don't have a manual for this one either.

As to paperwork on the Heath model, you should be able to get that from the surviving section of the Heath Co. in Benton Harbor, but be prepared to pay a lot. I find these Heath manuals (originals) often turn up on bargain tables at ham fests without the equipment. Don't forget the other sources of manuals for old equipment such as W7FG. Manual replacement from those in the business is a lot more than you would pay at a ham fest. Like \$25 for a copy. The boatanchors list is a good source of manuals. I don't have a current email adr. for them, but I know we have some active members of that list here, who can post the information.

John, and others who might spot these at ham meets; hope that helps!

72, Stuart K5KVH
rohre@arlut.utexas.edu

Date: Mon, 8 Dec 1997 22:07:50 +0000
From: Sandy W5TVW <ebjr@worldnet.att.net>
To: qrp-1@Lehigh.EDU
Subject: [32216] RE: Palmtop computers...
Message-ID: <19971208220748.AAA7568@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hey guys! ENOUGH!

What the hell do palmtop compouters have to do with low power
radio and QRP? JEESH!

Doesn't this belong to a private thread or another 'reflector' group!

The network "procter" must be daydreaming or a palmtop geek.

73,

Sandy W5TVW

Date: Mon, 8 Dec 1997 15:20:07 -0700
From: "Gypin, Jess" <jgypin@bi.com>
To: "'ebjr@worldnet.att.net'" <ebjr@worldnet.att.net>, Low Power Amateur Radio
Discussion <qrp-1@Lehigh.EDU>
Subject: [32217] RE: Palmtop computers...
Message-ID: <596627A3F10CD1118DC200609783A9C206AC55@BLDREXC01>
MIME-Version: 1.0
Content-Type: text/plain

Because there are many of us that use the low power palm tops for
logging in the field, that's why.

> -----Original Message-----
> From: Sandy W5TVW [SMTP:ebjr@worldnet.att.net]
> Sent: Monday, December 08, 1997 3:08 PM

> To: Low Power Amateur Radio Discussion
> Subject: RE: Palmtop computers...
>
> Hey guys! ENOUGH!
>
> What the hell do palmtop compouters have to do with low power
> radio and QRP? JEESH!
> Doesn't this belong to a private thread or another 'reflector'
> group!
>
> The network "procter" must be daydreaming or a palmtop geek.
>
> 73,
>
> Sandy W5TVW
>

Date: Mon, 08 Dec 1997 14:22:54 -0700
From: "Michael Fletcher" <kl7ixi@mailcity.com>
To: qrp-l@Lehigh.EDU
Subject: [32218] RE: Palmtop computers...
Message-ID: <MDPLJBHCDIPAAAAA@mailcity.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sandy, actually the 'lil palmtops seem to make ideal CW keyboards, logging programs and keeping track of your expenses on your next QRP DX-pedition (you can always dream).

They are also certainly low power and low amperage compared to the QRO notebooks that I use at work.
72,
Mike KL7IXI

Get your free and private web-based e-mail from our new partner at <http://www.mailexcite.com>

Date: Mon, 8 Dec 1997 22:54:37 GMT
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: jgypin@bi.com
Cc: qrp-1@Lehigh.EDU
Subject: [32219] RE: Palmtop computers...
Message-ID: <199712082254.WAA12941@chuck.dallas.sgi.com>

I may be daydreaming, but I'm not a palmtop geek. :-)

This thread comes up every year. It will go away in a few days.

Chill gang.....

dit dit
Chuck Adams K5FO CP-60 adams@sgi.com
<http://reality.sgi.com/adams/index.html>

Date: Mon, 8 Dec 1997 18:03:21 -0500
From: "david's" <elim@ime.net>
To: <aplitech@Spacestar.Net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [32220] Re: QSL Card Question
Message-ID: <005001bd042e\$08bc3240\$33c65ad1@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi All,
I've found a neat way to use postcards for portable qsl etc.
Just print up a sheet of clear address labels with call and address and
affix them to the front of a post card. for the back print up a bunch of
large size white mailing labels with qso info , etc.
73 dave

-----Original Message-----
From: Claton Cadmus <aplitech@Spacestar.Net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Monday, December 08, 1997 2:58 PM
Subject: Re: QSL Card Question

>How's this for an idea? Buy a box of "postcard" size laser labels, print
>some up with the backside info on your printer to take along for the trip.
>This way you can customize the info for the location and simply stick them

>on the back of the postcards you buy to make QSL cards and still mail them
>from the "dxpedition" location. No rubber stamp to carry along and if you
>need to change it for the next trip, no problem.

>

>Hope this Helps.

>----

>73 de KA0GKC Claton Cadmus

>E-mail cla@spacestar.net

>If you live in Minnesota check out this webpage!

><http://www.qsl.net/mnqrp>

>

>

>

End of QRP-L Digest 933
